

**ISCCP CX Observations
During the FIRE/SRB Wisconsin Experiment
From October 14 Through November 2, 1986**

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and Ken L. Bell

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(NASA-TM-101653) ISCCP CX OBSERVATIONS
DURING THE FIRE/SRB WISCONSIN EXPERIMENT
FROM OCTOBER 14 THROUGH NOVEMBER 2, 1986
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by

Charles H. Whitlock,* Stuart R. LeCroy,** William B. Rossow,***
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SUMMARY

Maps and tables are presented which show 45 satellite-derived physical, radiation, or cloud parameters from ISCCP CX tapes during the FIRE/SRB Wisconsin experiment region from October 14 through November 2, 1986. Pixel locations selected for presentation are for an area which coincided with a 100x100 km array of evenly-spaced ground truth sites. Area-averaged parameters derived from the ISCCP data should be consistent with area averages from the ground-truth stations.

INTRODUCTION

A field experiment was conducted in Wisconsin during October 1986 for purposes of both intensive cirrus-cloud measurements and Surface Radiation Budget (SRB) algorithm validation activities. The cirrus-cloud measurements were part of the First ISCCP (International Satellite Cloud Climatology Project) Regional Experiment (FIRE) as described by Starr¹. The algorithm validation activity was the first experiment of an SRB algorithm intercomparison program based on scientific recommendations from Suttles and Ohring². Both the FIRE and SRB experiments desire data products from GOES satellite-derived ISCCP CX tapes. It is the purpose of this document to present that data for a 100x100 km region in central Wisconsin in which there were evenly-spaced ground truth stations.

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DATA DESCRIPTION

Figures 1 and 2 are maps showing both ground station and ISCCP CX pixel locations. The ISCCP pixel locations change slightly each month, so November locations are different than those in October. Coordinates for each pixel are given on the CX tapes. Table 1 gives station number and coordinates for each of the FIRE/SRB ground truth stations.

A total of 37 radiation and cloud parameters are available for each station every three hours from the ISCCP CX tapes. Five additional parameters are required for time and navigation information. Table 2 lists a brief description of each parameter. It should be noted that parameters 41 and 43 are directional surface albedos (bidirectional reflectances) which includes atmospheric aerosols. Rayleigh scattering, ozone and water vapor have been removed from the directional clear-sky planetary albedos. Additional description of most of the other parameters may be obtained from reference 3.

It must be noted that the ISCCP CX tape is somewhat different than an ISCCP C1 tape. The tape format is different, pixel locations have a 30 km spacing, and the final cloud/no cloud decision for each pixel is not made on the tape. Reading of the tape is complicated by the fact that there are three "shared" bytes in which the counts in those bytes have different meanings depending on whether or not the pixel is clear or cloudy. More specifically, the counts in bytes 16, 17, and 21 are multiplied by different conversion tables (supplied in the first file on the tape) to obtain different physical parameters depending on the final cloud/no cloud decision. The counts in byte 16 are converted to SURFACE TEMPERATURE (parameter 33) if the sky is clear and to CLOUD TOP TEMPERATURE (parameter 34) if clouds exist. Byte 17 converts to SURFACE PRESSURE (parameter 35) under clear skies or CLOUD TOP PRESSURE (parameter 36). Byte 21 becomes either SURFACE ALBEDO (parameter 41) or CLOUD OPTICAL DEPTH (parameter 42). (Clear sky surface albedos are averaged in time and space to obtain AVERAGE SURFACE ALBEDO (parameter 43) which is used for cloudy pixels.)

As the CX tape is read, a final cloud/no cloud decision must be made in order to properly convert bytes 16, 17, and 21. For purposes of the data presented in this document, that decision is made in the same manner as is used on the ISCCP C1 tapes. Software was created to read the CX tape which considers CLOUD CODE (parameter 11) to be only a preliminary indicator to provide statistics for cloud computations. If either the final IR THRESHOLD CODE or the VIS THRESHOLD CODE (parameters 29 and 30, respectively) have a value = 4 or 5, the pixel is considered cloudy and the counts in bytes 16, 17, and 21 are multiplied by the proper conversion tables and defined as CLOUD TOP TEMPERATURE, CLOUD TOP PRESSURE, and CLOUD OPTICAL DEPTH, respectively. Otherwise, the counts in these bytes are used to define clear-sky SURFACE TEMPERATURE, SURFACE PRESSURE, and SURFACE ALBEDO. Making the cloud/no cloud decision on the basis of threshold values = 4 or 5 means that clouds are assumed not to

exist unless either the visible or IR radiances are more than one threshold different than clear-sky radiances.

Table 3 presents the CX tape data interpreted using ISCCP C1 cloud/no cloud procedures. Parameter 5 gives a pixel location code identical to that used in figures 1 and 2 such that individual pixels on the map may be quickly located in the table 3 data. Again it should be noted that the November CX pixel locations are at a different longitude and latitude than the October observations.

REFERENCES

1. Starr, David O'C.: A Cirrus-Cloud Experiment: Intensive Field Observations Planned for FIRE. Bull. Amer. Meteor. Soc., vol. 68, no. 2, February 1987, pp. 119-124.
2. Suttles, J. T., and Ohring, G.: Surface Radiation Budget for Climate Applications. NASA RP-1169, 1986.
3. Rossow, W. B., Garder, L.C., Lu, P.J., and Walker, A.: International Satellite Cloud Climatology Project (ISCCP) Documentation of Cloud Data. WMO/TD-266, December 1988.

- FIRE/SRB SURFACE STATIONS
- GOES ISCCP PIXEL LOCATIONS TO BE USED WITH OCTOBER AREA AVERAGES

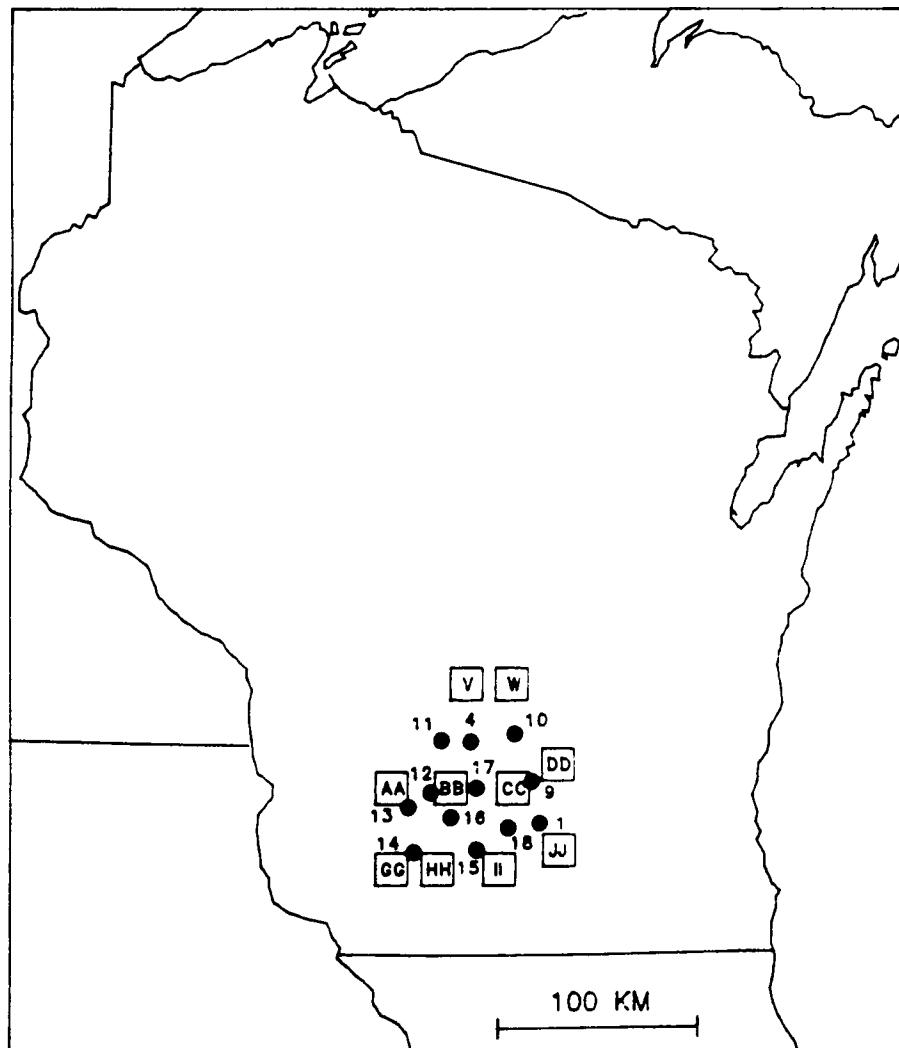


Figure 1.-October pixel and site locations.

- FIRE/SRB SURFACE STATIONS
- GOES ISCCP PIXEL LOCATIONS TO BE
USED WITH NOVEMBER AREA AVERAGES

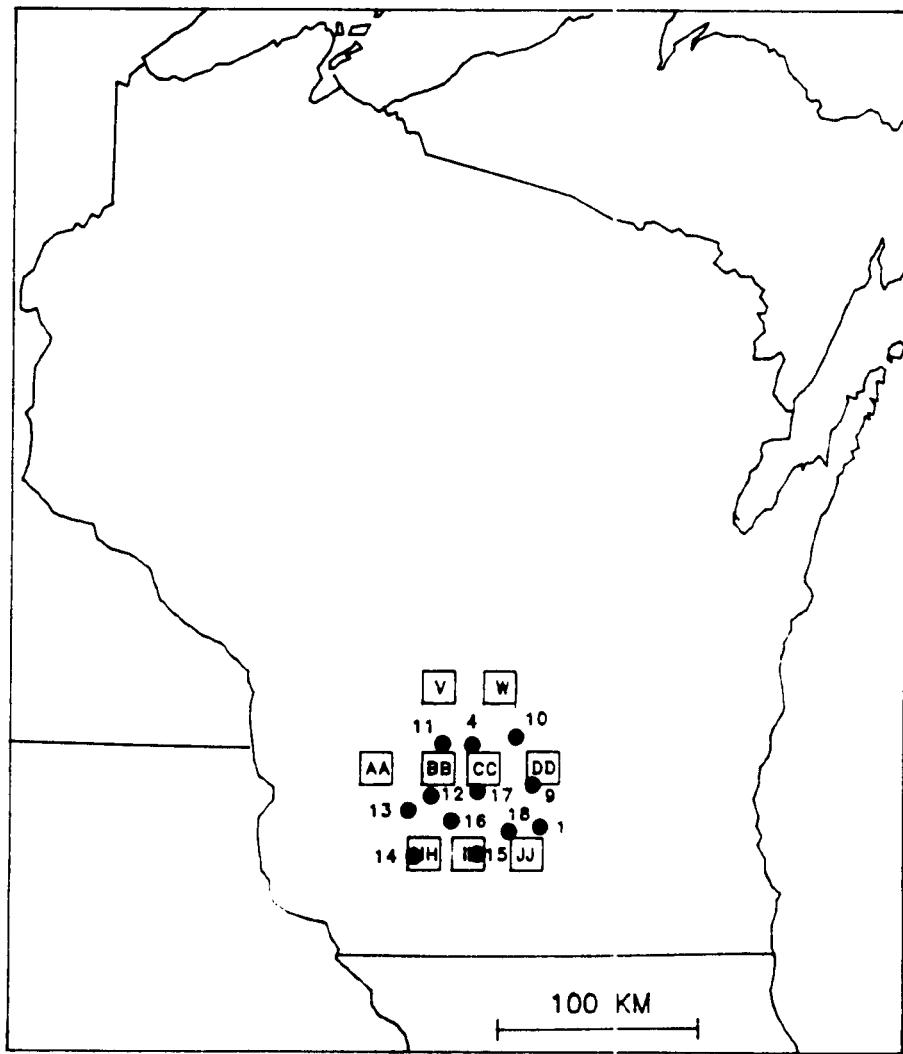


Figure 2.-November pixel and site locations.

Table 1. Coordinates of FIRE/SRB surface stations.

Station	Latitude (deg N)	Longitude (deg W)
1. Madison (Truax)	43.13	89.32
4. Baraboo	43.52	89.77
9. Arlington	43.33	89.37
10. Portage	43.56	89.48
11. Reedsburg	43.53	89.97
12. Plain	43.28	90.04
13. Tri-County	43.21	90.19
14. Dodgeville	42.99	90.15
15. Mt. Horeb	43.00	89.74
16. Arena	43.16	89.91
17. Sauk City	43.30	89.74
18. Middleton	43.11	89.53

Table 2. ISCCP CX Parameter Definitions

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
1)	MONTH/DAY	=MONTH AND DAY ASSOCIATED WITH PIXEL.
2)	HOUR:MIN	=GMT HOUR AND MINUTE ASSOCIATED WITH PIXEL.
3)	LATITUDE	=LATITUDE OF PIXEL (DEGREES + NORTH).
4)	LONGITUDE	=LONGITUDE OF PIXEL (DEGREES + EAST).
5)	GOES GROUND LOCATION	=PIXEL LOCATION ON WISCONSIN SCENE.
6)	DAY/NIGHT FLAG	=0 FOR DAY PIXELS, 1 FOR NIGHT PIXELS (ISCCP CX BYTE NO. 1).
7)	SHORE FLAG	= "SHORE" FLAG. IF THIS FLAG IS EQUAL TO 1, THEN THE PIXEL HAS BEEN DETERMINED TO BE GEOGRAPHICALLY NEAR A COASTLINE. THE "NEARNESS" CRITERION IS AS FOLLOWS: A WATER PIXEL IS CLASSED AS "SHORE" IF THERE IS A COASTLINE WITHIN 5 PIXELS OF IT; A LAND PIXEL IS "SHORE" IF THERE IS A COASTLINE WITHIN 2 PIXELS OF IT (ISCCP CX BYTE NO. 1).
8)	LAND/OCEAN FLAG	=0 FOR LAND, 1 FOR OCEAN (ISCCP CX BYTE NO. 1).
9)	TOPOGRAPHY FLAG	=1 IF THE PIXEL TOPOGRAPHY EXCEEDS 2500 METERS IN HEIGHT, 0 OTHERWISE. THIS FLAG SHOULD NEVER BE FOUND TO BE ON WHEN THE LAND/OCEAN FLAG IS ON (I.E., THERE IS NO HIGH TOPOGRAPHY IN THE OCEAN). (ISCCP CX BYTE NO. 1)
10)	SNOW/ICE FLAG	=SNOW/ICE FLAG. 0 - NONE; 1 - FILLED WITH SNOW OR WITH ICE, DEPENDING ON WHETHER THE PIXEL IS ON LAND (SNOW) OR OCEAN (ICE); 3 - NEAR AN ICE OR A SNOW MARGIN (ISCCP CX BYTE NO. 1).
11)	CLOUD CODE	=CLEAR SKY COMPOSITE PIXEL CLASS, FROM A COMBINATION OF SPATIAL AND TEMPORAL CRITERIA. 0 - UNDECIDED; 1 - CLOUD; 2 - CLEAR; 3 - MIXED (CONFLICTING INFORMATION). FINAL CLOUD DECISION IS MADE BY A BISPECTRAL THRESHOLD TEST, EITHER NO. 29 OR NO. 30 BEING EQUAL TO EITHER 4 OR 5 (ISCCP CX BYTE NO. 1).

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
12	IR CLEAR SKY CODE	=IR CLEAR SKY CODE, REPRESENTING THE RESULTS OF THE CLEAR SKY LOGIC FOR THE GIVEN PIXEL. IN PARTICULAR, CODED VALUES FROM 1 THROUGH 8 SIGNIFY THAT THE SHORT TERM STATISTICS WERE JUDGED ADEQUATE FOR THE GIVEN PIXEL, AND CODE VALUES OF 9 OR HIGHER SIGNIFY THAT LONG TERM STATISTICS WERE USED TO DETERMINE THE IR CLEAR SKY RADIANCE. SHORT TERM STATISTICS ARE GENERALLY PREFERRED FOR THOSE SITUATIONS WHICH ARE JUDGED TO BE FAIRLY CLOUD-FREE ON A TIME SCALE OF 5 DAYS (LAND), OR 15 DAYS (OCEAN), WHILE LONG TERM STATISTICS (15 OR 30 DAYS ON LAND, 30 DAYS ON OCEAN) ARE USED WHENEVER THE CLEAR SKY UNCERTAINTY IS HIGHER THAN NORMAL (DUE TO EITHER PERSISTENT CLOUDINESS OR TO DIFFICULTIES ASSOCIATED WITH THE TERRAIN IN WHICH THE PIXEL IS LOCATED). (ISCCP CX BYTE NO. 2).
		THIS CODE MAY TAKE ON THE FOLLOWING VALUES:
0		----- VALUE DOES NOT EXIST -----
1	(SHORT TERM)	TSURF = AVERAGE OF CLEAR PIXELS
2	(SHORT TERM)	TMAX - DEL3 (TSURF TOO COLD)
3	(SHORT TERM)	TSURF (TMAX DETERMINED TO BE TOO HOT)
4	(SHORT TERM)	TSURF (HOT TMAX RESULT IGNORED)
5	(SHORT TERM)	TMAX - DEL3 (HOT TMAX RESULT IGNORED)
6		----- VALUE DOES NOT EXIST -----
7	(SHORT TERM)	TSURF (SHORT TERM TMAX PASSES TEST)
8	(SHORT TERM)	TMAX - DEL3 (SHORT TERM TMAX PASSES TEST)
9	(LONG TERM)	TSURF (SHORT TERM CLOUD CONTAMINATED)
10	(LONG TERM)	TMAX - DEL4
11	(LONG TERM)	TMAX - DEL4
12	(LONG TERM)	TSURF (HOT TMAX RESULT IGNORED)
13	(LONG TERM)	TMAX - DEL4 (HOT TMAX RESULT IGNORED)
14	(LONG TERM)	TMAX - DEL4 (HOT TMAX RESULT IGNORED)
15	(LONG TERM)	TSURF (TMAX DETERMINED TO BE TOO HOT)
16	(LONG TERM)	TWARM PERCENT - DEL2 (TMAX TOO HOT)
17		----- VALUE DOES NOT EXIST -----
18		----- VALUE DOES NOT EXIST -----
19		----- VALUE DOES NOT EXIST -----
20		----- VALUE DOES NOT EXIST -----
21	(LONG TERM)	TSURF (SHORT TERM TMAX PASSES TEST)

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
22	(LONG TERM)	TWARM PERCENT - DEL2 (SHORT TERM TMAX PASSES)
23		----- VALUE DOES NOT EXIST -----
24		----- VALUE DOES NOT EXIST -----
25		----- VALUE DOES NOT EXIST -----
26		----- VALUE DOES NOT EXIST -----
27		----- VALUE DOES NOT EXIST -----
28		----- VALUE DOES NOT EXIST -----
29		----- VALUE DOES NOT EXIST -----
30		----- VALUE DOES NOT EXIST -----
31		----- VALUE DOES NOT EXIST -----
13)	IR THRESHOLD CODE	=CODED REPRESENTATION OF THE RESULT OF IR THRESHOLDING, (ISCCP CX BYTE NO. 2) WITH VALUES IN THE RANGE, 1 THROUGH 7, REPRESENTING:
0		----- VALUE DOES NOT EXIST -----
1		VALUES MORE THAN ONE THRESHOLD ABOVE THE CLEAR RADIANCE
2		VALUES LESS THAN ONE THRESHOLD ABOVE ..
3		VALUES LESS THAN ONE THRESHOLD BELOW ..
4		VALUES MORE THAN ONE BUT LESS THAN TWO THRESHOLDS BELOW ..
5		VALUES MORE THAN TWO THRESHOLDS BELOW ..
6		----- VALUE DOES NOT EXIST -----
7		----- VALUE DOES NOT EXIST -----
14)	FILTER FLAG	=1 IF THE CLEAR SKY SPATIAL FILTER WAS USED, 0 OTHERWISE (ISCCP CX BYTE NO. 3).
15)	GOES ZENITH ANGLE	=SATELLITE ZENITH ANGLE IN DEGREES (ISCCP CX BYTE NO. 3).
16)	IR RADIANCE	=IR RADIANCE IN BOTH COUNTS AND DEGREES KELVIN. COUNTS (0-255) CONVERTED TO TEMPERATURE USING THE ISCCP CONVERSION TABLES (ISCCP CX BYTE NO. 4).
17)	IR CLEAR SKY RADIANCE	=INFERRED IR CLEAR SKY RADIANCE IN BOTH COUNTS AND DEGREES KELVIN. COUNTS (0-255) CONVERTED TO TEMPERATURE USING THE ISCCP CONVERSION TABLES (ISCCP BYTE NO. 5).
18)	SOLAR GLINT FLAG	=1 FOR OCEAN PIXELS WITH VIEWING GEOMETRIES NEAR SOLAR GLINT CONDITIONS, ZERO OTHERWISE (ISCCP

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>																
		CX BYTE NO. 9).																
19)	LONG TERM STAT FLAG	=1 INDICATES THAT LONG TERM (30 DAY) STATISTICS WERE USED TO INFER THE VIS CLEAR SKY RADIANCE (ISCCP CX BYTE NO. 9).																
20)	REGION STAT FLAG	=1 INDICATES THAT REGION STATISTICS WERE USED TO TEST THE INFERRED VIS CLEAR SKY (ISCCP CX BYTE NO. 9).																
21)	VIS DARK FLAG	=1 INDICATES THAT THE VIS CLEAR SKY WAS JUDGED TO BE "TOO DARK" BY COMPARISON TO A MODEL (ISCCP CX BYTE NO. 9).																
22)	VIS BRIGHT FLAG	=1 INDICATES THAT THE VIS CLEAR SKY WAS JUDGED TO BE "TOO BRIGHT" BY COMPARISON TO A MODEL (ISCCP CX BYTE NO. 9).																
23)	VIS THRESHOLD CODE	=CODED REPRESENTATION OF THE VIS CHANNEL THRESHOLD RESULT (ISCCP CX BYTE NO. 9), HAVING VALUES IN THE RANGE, 1 THROUGH 7, REPRESENTING: <table border="0"> <tr> <td>0</td><td>----- VALUE DOES NOT EXIST -----</td></tr> <tr> <td>1</td><td>VALUES MORE THAN ONE THRESHOLD BELOW THE CLEAR RADIANCE</td></tr> <tr> <td>2</td><td>VALUES LESS THAN ONE THRESHOLD BELOW ..</td></tr> <tr> <td>3</td><td>VALUES LESS THAN ONE THRESHOLD ABOVE ..</td></tr> <tr> <td>4</td><td>VALUES MORE THAN ONE BUT LESS THAN TWO THRESHOLDS ABOVE ..</td></tr> <tr> <td>5</td><td>VALUES MORE THAN TWO THRESHOLDS ABOVE ..</td></tr> <tr> <td>6</td><td>----- VALUE DOES NOT EXIST -----</td></tr> <tr> <td>7</td><td>----- VALUE DOES NOT EXIST -----</td></tr> </table>	0	----- VALUE DOES NOT EXIST -----	1	VALUES MORE THAN ONE THRESHOLD BELOW THE CLEAR RADIANCE	2	VALUES LESS THAN ONE THRESHOLD BELOW ..	3	VALUES LESS THAN ONE THRESHOLD ABOVE ..	4	VALUES MORE THAN ONE BUT LESS THAN TWO THRESHOLDS ABOVE ..	5	VALUES MORE THAN TWO THRESHOLDS ABOVE ..	6	----- VALUE DOES NOT EXIST -----	7	----- VALUE DOES NOT EXIST -----
0	----- VALUE DOES NOT EXIST -----																	
1	VALUES MORE THAN ONE THRESHOLD BELOW THE CLEAR RADIANCE																	
2	VALUES LESS THAN ONE THRESHOLD BELOW ..																	
3	VALUES LESS THAN ONE THRESHOLD ABOVE ..																	
4	VALUES MORE THAN ONE BUT LESS THAN TWO THRESHOLDS ABOVE ..																	
5	VALUES MORE THAN TWO THRESHOLDS ABOVE ..																	
6	----- VALUE DOES NOT EXIST -----																	
7	----- VALUE DOES NOT EXIST -----																	
24)	SOLAR ZENITH ANGLE	=SOLAR ZENITH ANGLE IN DEGREES (ISCCP CX BYTE NO. 10).																
25)	GOES-SOLAR AZIMUTH	=SATELLITE-SOLAR AZIMUTH IN DEGREES (ISCCP CX BYTE NO. 11).																
26)	VIS RADIANCE	=VIS RADIANCE IN BOTH COUNTS AND REFLECTANCE UNITS. COUNTS (0-255) CONVERTED TO REFLECTANCE UNITS USING THE ISCCP CONVERSION TABLES (ISCCP CX BYTE NO. 12).																

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
27)	VIS CLEAR SKY RADIANCE	=VIS CLEAR SKY RADIANCE IN BOTH COUNTS AND REFLECTANCE UNITS. COUNTS (0-255) CONVERTED TO REFLECTANCE UNITS USING THE ISCCP CONVERSION TABLES (ISCCP CX BYTE NO. 13).
28)	DAY/NIGHT FLAG	=1 FOR NIGHT, 0 FOR DAY. THIS VALUE IS THE FINAL DECISION AND CAN DIFFER FROM THAT IN NUMBER 6, DEPENDING ON ILLUMINATION GEOMETRY (ISCCP CX BYTE NO. 14).
29)	IR THRESHOLD CODE	=CODED REPRESENTATION OF THE IR CHANNEL THRESHOLD RESULT, HAVING VALUES IN THE RANGE, 1 THROUGH 7. THIS VALUE IS THE FINAL DECISION AND CAN DIFFER FROM THAT IN NUMBER 13, DEPENDING ON SURFACE CONDITIONS (ISCCP CX BYTE NO. 14). THIS CODE CAN HAVE THE FOLLOWING VALUES: 0 ----- VALUE DOES NOT EXIST ----- 1 VALUES MORE THAN ONE THRESHOLD ABOVE THE CLEAR RADIANCE 2 VALUES LESS THAN ONE THRESHOLD ABOVE .. 3 VALUES LESS THAN ONE THRESHOLD BELOW .. 4 VALUES MORE THAN ONE BUT LESS THAN TWO THRESHOLDS BELOW .. 5 VALUES MORE THAN TWO THRESHOLDS BELOW .. 6 ----- VALUE DOES NOT EXIST ----- 7 ----- VALUE DOES NOT EXIST -----
30)	VIS THRESHOLD CODE	=CODED REPRESENTATION OF THE VIS CHANNEL THRESHOLD RESULT, HAVING VALUES IN THE RANGE, 1 THROUGH 7. THIS VALUE IS THE FINAL DECISION AND CAN DIFFER FROM THAT IN NUMBER 23, DEPENDING ON SURFACE CONDITIONS (ISCCP CX BYTE NO. 14). THIS CODE CAN HAVE THE FOLLOWING VALUES: 0 ----- VALUE DOES NOT EXIST ----- 1 VALUES MORE THAN ONE THRESHOLD BELOW THE CLEAR RADIANCE 2 VALUES LESS THAN ONE THRESHOLD BELOW .. 3 VALUES LESS THAN ONE THRESHOLD ABOVE .. 4 VALUES MORE THAN ONE BUT LESS THAN TWO THRESHOLDS ABOVE .. 5 VALUES MORE THAN TWO THRESHOLDS ABOVE .. 6 ----- VALUE DOES NOT EXIST ----- 7 ----- VALUE DOES NOT EXIST -----

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
31)	IR RETRIEVAL CODE	=IR DATA RADIATIVE RETRIEVAL RETURN CODE (ISCCP CX BYTE NO. 15). THIS CODE MAY TAKE ON THE FOLLOWING VALUES:
0	OK (GOOD RETRIEVAL)	
1	(SRF) TOBSERVED > TRETRIEVED => ALTERNATE RETRIEVAL FORMULA APPLIED	
2	(SRF) EXTMU < 0.25 (OPACITY TOO LARGE) => ALTERNATE RETRIEVAL FORMULA APPLIED	
3	(SRF) TOVS BRIGHTNESS TEMP > IMAGE BRIGHTNESS TEMP BY > 20 K	
4	(SRF) IMAGE BRIGHTNESS TEMP > TOVS BRIGHTNESS TEMP BY > 20 K	
5	(CLD) ISOTHERMAL CLOUD LAYERS	
6	(CLD) BRIGHTNESS TEMP < TMIN OF PROFILE	
7	(CLD) AS FOR 0, ABOVE (SEE NOTE BELOW)	
8	(SRF) AS FOR 1, ABOVE (SEE NOTE BELOW)	
9	(SRF) AS FOR 2, ABOVE (SEE NOTE BELOW)	
10	(SRF) AS FOR 3, ABOVE (SEE NOTE BELOW)	
11	(SRF) AS FOR 4, ABOVE (SEE NOTE BELOW)	
12	VALUE NOT IN RADIATION TABLES	
13		----- VALUE DOES NOT EXIST -----
14		----- VALUE DOES NOT EXIST -----
15		----- VALUE DOES NOT EXIST -----
NOTES:		
1.	(SRF) MEANS THAT THE VALUE PERTAINS TO THE RESULT OF THE SURFACE PROPERTIES RETRIEVAL ROUTINE, (CLD) REFERS TO THE CLOUD RETRIEVAL.	
2.	CODES 7 THROUGH 11 HAVE THE SAME MEANING AS CORRESPONDING CODES 0 THROUGH 4, BUT ARE MAINTAINED SEPERATELY TO WARN THE USER THAT IN THESE CASES THE BRIGHTNESS TEMPERATURE WAS FOUND TO BE GREATER THAN OR EQUAL TO THE CLEAR SKY VALUE, THUS THE SURFACE RETRIEVAL ROUTINE WAS USED.	
32)	IR CLEAR SKY RETRIEVAL CODE	=IR CLEAR SKY RADIATIVE RETRIEVAL RETURN CODE (ISCCP CX BYTE NO. 15). THIS CODE MAY TAKE ON THE FOLLOWING VALUES:
0	OK (GOOD RETRIEVAL)	
1	(SRF) TOBSERVED > TRETRIEVED => ALTERNATE RETRIEVAL FORMULA APPLIED	

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
2	(SRF) EXTMU < 0.25 (OPACITY TOO LARGE)	=> ALTERNATE RETRIEVAL FORMULA APPLIED
3	(SRF) TOVS BRIGHTNESS TEMP > IMAGE BRIGHTNESS TEMP BY > 20 K	
4	(SRF) IMAGE BRIGHTNESS TEMP > TOVS BRIGHTNESS TEMP BY > 20 K	
5	(CLD) ISOTHERMAL CLOUD LAYERS	
6	(CLD) BRIGHTNESS TEMP < TMIN OF PROFILE	
7	(CLD) AS FOR 0, ABOVE (SEE NOTE BELOW)	
8	(SRF) AS FOR 1, ABOVE (SEE NOTE BELOW)	
9	(SRF) AS FOR 2, ABOVE (SEE NOTE BELOW)	
10	(SRF) AS FOR 3, ABOVE (SEE NOTE BELOW)	
11	(SRF) AS FOR 4, ABOVE (SEE NOTE BELOW)	
12	VALUE NOT IN RADIATION TABLES	
13		----- VALUE DOES NOT EXIST -----
14		----- VALUE DOES NOT EXIST -----
15		----- VALUE DOES NOT EXIST -----

NOTES:

1. (SRF) MEANS THAT THE VALUE PERTAINS TO THE RESULT OF THE SURFACE PROPERTIES RETRIEVAL ROUTINE, (CLD) REFERS TO THE CLOUD RETRIEVAL.
2. CODES 7 THROUGH 11 HAVE THE SAME MEANING AS CORRESPONDING CODES 0 THROUGH 4, BUT ARE MAINTAINED SEPERATELY TO WARN THE USER THAT IN THESE CASES THE BRIGHTNESS TEMPERATURE WAS FOUND TO BE GREATER THAN OR EQUAL TO THE CLEAR SKY VALUE, THUS THE SURFACE RETRIEVAL ROUTINE WAS USED.

33) SURFACE TEMPERATURE =RETRIEVED SURFACE TEMPERATURE IN DEGREES KELVIN. IF THE PIXEL IS CLOUDY, THEN THIS VALUE HAS NO MEANING (ISCCP CX BYTE NO. 16).

34) CLOUD TOP TEMPERATURE =RETRIEVED CLOUD TOP TEMPERATURE IN DEGREES KELVIN. IF THE PIXEL IS CLEAR, THEN THIS VALUE HAS NO MEANING (ISCCP CX BYTE NO. 16).

35) SURFACE PRESSURE =RETRIEVED SURFACE PRESSURE IN MILLIBARS. IF THE PIXEL IS CLOUDY, THEN THIS VALUE HAS NO MEANING (ISCCP CX BYTE NO. 17).

36) CLOUD TOP PRESSURE =RETRIEVED CLOUD TOP PRESSURE IN MILLIBARS. IF THE PIXEL IS CLEAR, THEN THIS VALUE HAS NO

Table 2. Continued.

<u>NO</u>	<u>NAME</u>	<u>EXPLANATION</u>
MEANING (ISCCP CX BYTE NO. 17).		
37)	CLEAR SKY TEMPERATURE	=RETRIEVED CLEAR SKY TEMPERATURE IN DEGREES KELVIN (ISCCP CX PIXEL NO. 18).
38)	CLEAR SKY PRESSURE	=RETRIEVED CLEAR SKY PRESSURE IN MILLIBARS. (SURFACE PRESSURE DETERMINED FROM TOPOGRAPHY AND SURFACE TEMPERATURE). (ISCCP CX BYTE NO. 19).
39)	VIS RETRIEVAL CODE	=VIS DATA RADIATIVE RETRIEVAL RETURN CODE (ISCCP CX BYTE NO. 20). THIS CODE MAY TAKE ON THE FOLLOWING VALUES:
0	OK (GOOD RETRIEVAL)	
1	(TAUCOR) OK (IN TC ADJUSTMENT LOOP FOR THIN CLOUD)	
2	(TAUCOR) ADJUSTMENT OF CLOUD TOP LEADS TO TAUMUE > 4.5	
3	(TAUCOR) TAU OUT OF RANGE (TAU > 125)	
4	(TAUCOR) UNABLE TO CALCULATE TAUMIN (NOT ENOUGH PRECISION)	
5	(TAUCOR) OBSERVED TEMPERATURE > CLEAR SKY TEMPERATURE	
6	(TAUCOR) BAD VALUES IN TAURAY ARRAY, RADIANCE OUT OF RANGE	
7	(SRF) VALUE BELOW LOW END OF THE SURFACE INTENSITY ARRAY	
8	(SRF) VALUE ABOVE HIGH END OF THE SURFACE INTENSITY ARRAY	
9	----- VALUE DOES NOT EXIST -----	
10	----- VALUE DOES NOT EXIST -----	
11	----- VALUE DOES NOT EXIST -----	
12	(TAUCOR) VALUE BELOW LOW END OF RADIATION TABLE (RADDIF < 0)	
13	(TAUCOR) ADJUSTMENT LOOP ITERATED MORE THAN 10 TIMES	
14	(CLD) TAURET SET TO 0.0 (OBSERVED RADIANCE TOO DARK)	
15	----- VALUE DOES NOT EXIST -----	
NOTE: (SRF) MEANS THAT THE VALUE PERTAINS TO THE RESULT OF THE SURFACE PROPERTIES RETRIEVAL ROUTINE, (CLD) REFERS TO THE CLOUD RETRIEVAL, AND (TAUCOR) REFERS TO THE ITERATION LOOP THAT ADJUSTS THE VALUES OF CLOUD TOP TEMPERATURE AND TAU IN CASES OF LOW TAU.		
40)	VIS CLEAR SKY RETRIEVAL CODE	=VIS CLEAR SKY RADIATIVE RETRIEVAL RETURN CODE (ISCCP CX BYTE NO. 20). THIS CODE MAY TAKE ON THE FOLLOWING VALUES:
0	OK (GOOD RETRIEVAL)	

Table 2. Concluded.

NO	NAME	EXPLANATION
1	(TAUCOR)	OK (IN TC ADJUSTMENT LOOP FOR THIN CLOUD)
2	(TAUCOR)	ADJUSTMENT OF CLOUD TOP LEADS TO TAUMUE > 4.5
3	(TAUCOR)	TAU OUT OF RANGE (TAU > 125)
4	(TAUCOR)	UNABLE TO CALCULATE TAUMIN (NOT ENOUGH PRECISION)
5	(TAUCOR)	OBSERVED TEMPERATURE > CLEAR SKY TEMPERATURE
6	(TAUCOR)	BAD VALUES IN TAURAY ARRAY, RADIANCE OUT OF RANGE
7	(SRF)	VALUE BELOW LOW END OF THE SURFACE INTENSITY ARRAY
8	(SRF)	VALUE ABOVE HIGH END OF THE SURFACE INTENSITY ARRAY
9		----- VALUE DOES NOT EXIST -----
10		----- VALUE DOES NOT EXIST -----
11		----- VALUE DOES NOT EXIST -----
12	(TAUCOR)	VALUE BELOW LOW END OF RADIATION TABLE (RADDIF < 0)
13	(TAUCOR)	ADJUSTMENT LOOP ITERATED MORE THAN 10 TIMES
14	(CLD)	TAURET SET TO 0.0 (OBSERVED RADIANCE TOO DARK)
15		----- VALUE DOES NOT EXIST -----

NOTE: (SRF) MEANS THAT THE VALUE PERTAINS TO THE RESULT OF THE SURFACE PROPERTIES RETRIEVAL ROUTINE, (CLD) REFERS TO THE CLOUD RETRIEVAL, AND (TAUCOR) REFERS TO THE ITERATION LOOP THAT ADJUSTS THE VALUES OF CLOUD TOP TEMPERATURE AND TAU IN CASES OF LOW TAU.

41) SURFACE ALBEDO	=ALBEDO FOR CLEAR DAY. IF THE PIXEL IS CLOUDY, THEN THIS VALUE HAS NO MEANING (ISCCP CX BYTE NO. 21).
42) OPTICAL DEPTH	=OPTICAL DEPTH FOR CLOUDY DAY. IF THE PIXEL IS CLEAR, THEN THIS VALUE HAS NO MEANING (ISCCP CX PIXEL NO. 21).
43) AVERAGE SURFACE ALBEDO	=SURFACE ALBEDO FROM THE CLEAR SKY RADIANCE (ISCCP CX BYTE NO. 22).
44) CLOUD TOP TEMPERATURE	=RETRIEVED CLOUD TOP TEMPERATURE IN DEGREES KELVIN, AFTER CORRECTION FOR PARTIAL TRANSMISSION OF SURFACE RADIATION (ISCCP CX BYTE NO. 23).
45) CLOUD TOP PRESSURE	=RETRIEVED CLOUD TOP PRESSURE IN MILLIBARS, AFTER CORRECTION FOR PARTIAL TRANSMISSION OF SURFACE RADIATION (ISCCP CX BYTE NO. 24).

Table 3. ISCCP CX Wisconsin Data

1 MONTH/DAY	10/14	10/14	10/14	10/14	10/14
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	10	10	10	10	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	1	0	1	1	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	253.1 64	251.7 62	251.7 62	244.5 53	256.0 68
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	281.6 110	281.1 109	281.6 110	281.6 110	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	4
24 SOLAR ZENITH ANGLE (DEG)	63.9	63.9	63.9	63.9	63.3
25 GOES-SOLAR AZIMUTH (DEG)	123.0	123.0	123.0	123.0	122.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.276 69	0.268 67	0.268 67	0.260 65	0.160 40
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.084 21	0.084 21	0.084 21	0.080 20	0.076 19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	4
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	253.1	251.7	251.7	244.5	256.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	535.	525.	525.	450.	575.
37 CLEAR SKY TEMPERATURE (K)	286.3	285.2	285.8	285.8	285.8
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	27.77	22.63	23.08	19.78	3.88
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.17	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	253.1	251.7	251.7	244.5	254.6
45 CLOUD TOP PRESSURE (MB)	535.	525.	525.	450.	555.

Table 3. Continued.

1 MONTH/DAY	10/14	10/14	10/14	10/14	10/14
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	10	9	9	9	10
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16 IR RADIANCE (K)	249.3	249.3	242.8	245.3	250.1
(COUNTS)	59	59	51	54	60
17 IR CLEAR SKY RADIANCE (K)	281.6	284.7	283.7	282.7	278.4
(COUNTS)	110	116	114	112	104
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	63.3	63.3	63.3	63.3	62.6
25 GOES-SOLAR AZIMUTH (DEG)	122.0	123.0	123.0	122.0	122.0
26 VIS RADIANCE (REFLECTANCE)	0.268	0.232	0.244	0.300	0.268
(COUNTS)	67	58	61	75	67
27 VIS CLEAR SKY RADIANCE (REFL)	0.088	0.088	0.080	0.088	0.088
(COUNTS)	22	22	20	22	22
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	249.3	249.3	242.8	245.3	250.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	500.	500.	430.	455.	505.
37 CLEAR SKY TEMPERATURE (K)	285.8	289.8	288.8	287.3	281.6
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	19.05	9.88	12.39	38.29	17.36
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.15	0.17	0.17
44 CLOUD TOP TEMPERATURE (K)	249.3	249.3	242.8	245.3	250.1
45 CLOUD TOP PRESSURE (MB)	500.	500.	430.	455.	505.

Table 3. Continued.

1 MONTH/DAY	10/14	10/14	10/14	10/14	10/14
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	3	1
12 IR CLEAR SKY CODE	9	9	11	9	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	1	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	258.2 71	260.8 75	253.1 64	256.0 68	260.2 74
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	286.3 119	283.2 113	286.8 120	284.7 116	282.2 111
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	52.4	52.4	51.7	51.7	52.4
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.396 99	0.384 96	0.444 111	0.320 80	0.324 81
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.124 31	0.136 34	0.132 33	0.136 34	0.136 34
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	258.2	260.8	253.1	256.0	260.2
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	610.	660.	535.	575.	650.
37 CLEAR SKY TEMPERATURE (K)	292.2	288.3	292.2	290.2	286.8
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	1	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	10.59	9.06	16.74	5.15	5.45
43 AVERAGE SURFACE ALBEDO	0.18	0.20	0.19	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	258.2	260.8	253.1	255.3	260.2
45 CLOUD TOP PRESSURE (MB)	610.	660.	535.	565.	645.

Table 3. Continued.

1 MONTH/DAY	10/14	10/14	10/14	10/14	10/14
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	9	10	10	10	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	1	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	260.8 75	250.1 60	249.3 59	256.7 69	256.7 69
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	283.2 113	284.7 116	284.7 116	283.2 113	283.2 113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	52.4	51.7	51.7	51.7	51.7
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.408 102	0.430 120	0.436 109	0.392 98	0.368 92
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.140 35	0.144 36	0.124 31	0.144 36	0.144 36
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	260.8	250.1	249.3	256.7	256.7
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	660.	505.	500.	585.	585.
37 CLEAR SKY TEMPERATURE (K)	287.8	289.8	289.8	287.8	287.8
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	11.76	25.54	15.86	9.54	7.73
43 AVERAGE SURFACE ALBEDO	0.21	0.21	0.17	0.21	0.21
44 CLOUD TOP TEMPERATURE (K)	260.8	250.1	249.3	256.7	256.7
45 CLOUD TOP PRESSURE (MB)	660.	505.	500.	585.	585.

Table 3. Continued.

1 MONTH/DAY	10/14	10/14	10/14	10/14	10/14
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	9	9	9	9	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16 IR RADIANCE (K)	263.4	262.8	270.3	258.9	263.4
(COUNTS)	79	78	90	72	79
17 IR CLEAR SKY RADIANCE (K)	284.7	284.7	283.2	284.2	283.7
(COUNTS)	116	116	113	115	114
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	68.3	68.3	67.7	68.3	68.3
25 GOES-SOLAR AZIMUTH (DEG)	136.0	137.0	136.0	136.0	137.0
26 VIS RADIANCE (REFLECTANCE)	0.252	0.312	0.232	0.260	0.268
(COUNTS)	63	78	58	65	67
27 VIS CLEAR SKY RADIANCE (REFL)	0.076	0.088	0.080	0.084	0.080
(COUNTS)	19	22	20	21	20
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	263.4	262.8	271.5	258.9	263.4
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	710.	700.	860.	625.	710.
37 CLEAR SKY TEMPERATURE (K)	290.2	290.2	287.8	289.3	288.8
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	29.63	92.02	12.83	42.42	39.26
43 AVERAGE SURFACE ALBEDO	0.17	0.21	0.18	0.20	0.18
44 CLOUD TOP TEMPERATURE (K)	263.4	262.8	271.5	258.9	263.4
45 CLOUD TOP PRESSURE (MB)	710.	700.	860.	625.	710.

Table 3. Continued.

1 MONTH/DAY	10/14	10/14	10/14	10/14	10/14
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	3	3	3	1
12 IR CLEAR SKY CODE	9	9	9	9	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	49.5	49.5	50.2	50.2
16 IR RADIANCE (K)	262.8	265.4	262.8	264.1	260.8
(COUNTS)	78	82	78	80	75
17 IR CLEAR SKY RADIANCE (K)	282.2	284.7	285.2	284.2	282.7
(COUNTS)	111	116	117	115	112
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	4
24 SOLAR ZENITH ANGLE (DEG)	68.3	67.7	67.7	68.3	68.3
25 GOES-SOLAR AZIMUTH (DEG)	137.0	136.0	136.0	136.0	137.0
26 VIS RADIANCE (REFLECTANCE)	0.252	0.220	0.248	0.256	0.172
(COUNTS)	63	55	62	64	43
27 VIS CLEAR SKY RADIANCE (REFL)	0.088	0.084	0.084	0.084	0.072
(COUNTS)	22	21	21	21	18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	4
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	262.8	266.0	262.8	264.7	260.8
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	700.	755.	700.	725.	660.
37 CLEAR SKY TEMPERATURE (K)	286.8	289.8	290.2	289.3	287.3
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	25.54	9.88	23.55	34.74	3.79
43 AVERAGE SURFACE ALBEDO	0.21	0.20	0.20	0.20	0.16
44 CLOUD TOP TEMPERATURE (K)	262.8	266.0	262.8	264.7	259.5
45 CLOUD TOP PRESSURE (MB)	700.	755.	700.	725.	635.

Table 3. Continued.

1 MONTH/DAY	10/15	10/15	10/15	10/15	10/15
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	10	10	10	10	9
13 IR THRESHOLD CODE	3	3	3	3	3
14 CLEAR SKY FILTER FLAG	1	0	1	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16 IR RADIANCE (K)	278.9	278.9	278.9	278.9	279.5
(COUNTS)	105	105	105	105	106
17 IR CLEAR SKY RADIANCE (K)	281.6	281.1	281.6	281.6	281.6
(COUNTS)	110	109	110	110	110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	2	2
24 SOLAR ZENITH ANGLE (DEG)	63.9	63.9	63.9	63.9	63.3
25 GOES-SOLAR AZIMUTH (DEG)	123.0	123.0	123.0	123.0	123.0
26 VIS RADIANCE (REFLECTANCE)	0.076	0.072	0.072	0.076	0.064
(COUNTS)	19	18	18	19	16
27 VIS CLEAR SKY RADIANCE (REFL)	0.084	0.084	0.084	0.080	0.076
(COUNTS)	21	21	21	20	19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	3
30 VIS THRESHOLD CODE	2	2	2	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	280.5	280.5	280.0	280.5	281.6
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.2	283.2	283.7	284.2	284.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.144	0.136	0.136	0.148	0.108
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.17	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/15	10/15	10/15	10/15	10/15
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	0
12	IR CLEAR SKY CODE	10	9	9	9	10
13	IR THRESHOLD CODE	3	3	3	3	2
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K)	278.9	280.5	279.5	279.5	280.5
	(COUNTS)	105	108	106	106	108
17	IR CLEAR SKY RADIANCE (K)	281.6	284.7	283.7	282.7	278.4
	(COUNTS)	110	116	114	112	104
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	2	2	2	2	2
24	SOLAR ZENITH ANGLE (DEG)	63.3	63.3	63.3	63.3	63.3
25	GOES-SOLAR AZIMUTH (DEG)	122.0	123.0	123.0	122.0	122.0
26	VIS RADIANCE (REFLECTANCE)	0.076	0.080	0.076	0.076	0.076
	(COUNTS)	19	20	19	19	19
27	VIS CLEAR SKY RADIANCE (REFL)	0.088	0.088	0.080	0.088	0.088
	(COUNTS)	22	22	20	22	22
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	3	3	3	3	2
30	VIS THRESHOLD CODE	2	2	2	2	2
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	280.5	282.2	281.6	281.6	282.7
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	284.2	287.3	286.3	285.2	280.0
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.140	0.152	0.144	0.144	0.144
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.17	0.17	0.15	0.18	0.18
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/15	10/15	10/15	10/15	10/15
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	0	0	0	0
12 IR CLEAR SKY CODE	9	9	11	9	9
13 IR THRESHOLD CODE	4	3	3	3	2
14 CLEAR SKY FILTER FLAG	0	0	0	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K)	277.3	278.9	283.7	284.7	284.2
(COUNTS)	102	105	114	116	115
17 IR CLEAR SKY RADIANCE (K)	286.3	283.2	286.8	284.7	282.2
(COUNTS)	119	113	120	116	111
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	4	3	2	3
24 SOLAR ZENITH ANGLE (DEG)	52.4	52.4	51.7	51.7	52.4
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.240	0.216	0.152	0.120	0.148
(COUNTS)	60	54	38	30	37
27 VIS CLEAR SKY RADIANCE (REFL)	0.124	0.136	0.132	0.136	0.136
(COUNTS)	31	34	33	34	34
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	3	3	3	2
30 VIS THRESHOLD CODE	4	4	3	2	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	286.3	287.8	287.3
34 CLOUD TOP TEMPERATURE (K)	278.9	280.5	*****	*****	*****
35 SURFACE PRESSURE (MB)	*****	*****	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	960.	995.	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	289.8	285.8	289.8	287.8	284.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	1	1	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	0.224	0.164	0.220
42 OPTICAL DEPTH	2.62	1.78	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.18	0.20	0.19	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	276.1	277.8	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	930.	965.	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/15	10/15	10/15	10/15	10/15
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	9	10	10	10	9
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	1	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	284.2 115	286.8 120	286.3 119	286.8 120	285.2 117
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	283.2 113	284.7 116	284.7 116	283.2 113	283.2 113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	2	3	2	2
24 SOLAR ZENITH ANGLE (DEG)	52.4	51.7	51.7	51.7	51.7
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.144 36	0.124 31	0.136 34	0.124 31	0.136 34
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.140 35	0.144 36	0.124 31	0.144 36	0.144 36
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	3	2	3	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	287.3	289.8	289.3	290.2	288.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	285.8	287.3	287.8	285.8	285.8
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.216	0.172	0.196	0.172	0.196
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.21	0.17	0.21	0.21
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/15	10/15	10/15	10/15	10/15
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4	LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	0
12	IR CLEAR SKY CODE	9	9	9	9	9
13	IR THRESHOLD CODE	3	4	3	4	3
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	280.5 108	276.7 101	280.5 108	276.7 101	281.1 109
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	284.7 116	284.7 116	283.2 113	284.2 115	283.7 114
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	3	3	2	3
24	SOLAR ZENITH ANGLE (DEG)	68.9	68.9	68.3	68.3	68.9
25	GOES-SOLAR AZIMUTH (DEG)	137.0	137.0	136.0	137.0	137.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.076 19	0.088 22	0.080 20	0.080 20	0.084 21
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.084 21	0.076 19	0.084 21	0.076 19
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	3	4	3	4	3
30	VIS THRESHOLD CODE	3	3	3	2	3
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	282.7	*****	282.2	*****	283.2
34	CLOUD TOP TEMPERATURE (K)	*****	278.4	*****	278.4	*****
35	SURFACE PRESSURE (MB)	1000.	*****	1000.	*****	1000.
36	CLOUD TOP PRESSURE (MB)	*****	945.	*****	945.	*****
37	CLEAR SKY TEMPERATURE (K)	287.8	287.8	285.8	286.8	286.3
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	3	0	3	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.180	*****	0.188	*****	0.208
42	OPTICAL DEPTH	*****	0.22	*****	0.22	*****
43	AVERAGE SURFACE ALBEDO	0.16	0.20	0.17	0.20	0.18
44	CLOUD TOP TEMPERATURE (K)	*****	212.8	*****	212.8	*****
45	CLOUD TOP PRESSURE (MB)	*****	85.	*****	85.	*****

Table 3. Continued.

1 MONTH/DAY	10/15	10/15	10/15	10/15	10/15
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	9	9	9	9	9
13 IR THRESHOLD CODE	3	3	3	3	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	49.5	49.5	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	276.7 101	281.6 110	283.2 113	283.2 113	283.2 113
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	282.2 111	284.7 116	285.2 117	284.2 115	282.7 112
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	2	2	3
24 SOLAR ZENITH ANGLE (DEG)	68.9	68.3	68.3	68.3	68.9
25 GOES-SOLAR AZIMUTH (DEG)	137.0	136.0	136.0	136.0	136.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.076 19	0.080 20	0.076 19	0.076 19	0.072 18
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.088 22	0.080 20	0.080 20	0.084 21	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	2
30 VIS THRESHOLD CODE	2	3	2	2	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	277.8	283.7	285.8	285.8	285.8
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.7	287.3	288.3	286.8	285.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.180	0.188	0.176	0.176	0.168
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.22	0.19	0.19	0.20	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/17	10/17	10/17	10/17	10/17
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	2	1	1	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	4	5	4	4
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	270.3	272.7	270.3	271.5	275.6
(COUNTS)	90	94	90	92	99
17 IR CLEAR SKY RADIANCE (K)	282.7	282.2	283.7	283.2	282.2
(COUNTS)	112	111	114	113	111
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	3	5	4	3
24 SOLAR ZENITH ANGLE (DEG)	64.5	64.5	64.5	64.5	63.9
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	123.0	123.0
26 VIS RADIANCE (REFLECTANCE)	0.200	0.112	0.224	0.180	0.088
(COUNTS)	50	28	56	45	22
27 VIS CLEAR SKY RADIANCE (REFL)	0.084	0.084	0.084	0.080	0.076
(COUNTS)	21	21	21	20	19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	4	5	4	4
30 VIS THRESHOLD CODE	4	3	5	4	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	270.3	273.2	270.9	271.5	277.3
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	770.	825.	695.	795.	910.
37 CLEAR SKY TEMPERATURE (K)	285.8	285.2	286.8	286.3	285.2
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	1	0	1	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	6.34	1.22	9.88	5.15	0.37
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.17	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	270.3	266.6	270.9	271.5	252.4
45 CLOUD TOP PRESSURE (MB)	770.	700.	695.	795.	490.

Table 3. Continued.

1 MONTH/DAY	10/17	10/17	10/17	10/17	10/17
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	1	1	0	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	4	4	4	4	4
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	275.6	273.2	273.2	276.1	273.2
(COUNTS)	99	95	95	100	95
17 IR CLEAR SKY RADIANCE (K)	282.2	283.7	283.7	283.2	283.2
(COUNTS)	111	114	114	113	113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	4	3	3
24 SOLAR ZENITH ANGLE (DEG)	63.9	63.9	63.9	63.9	63.9
25 GOES-SOLAR AZIMUTH (DEG)	123.0	124.0	123.0	123.0	123.0
26 VIS RADIANCE (REFLECTANCE)	0.120	0.112	0.160	0.140	0.132
(COUNTS)	30	28	40	35	33
27 VIS CLEAR SKY RADIANCE (REFL)	0.088	0.088	0.080	0.088	0.084
(COUNTS)	22	22	20	22	21
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	4	4	4	4
30 VIS THRESHOLD CODE	3	3	4	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	277.3	274.4	273.8	277.8	273.8
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	910.	765.	840.	920.	840.
37 CLEAR SKY TEMPERATURE (K)	285.2	286.8	286.8	286.3	286.3
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	1	1	1	1	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	1.52	1.13	3.71	2.49	2.18
43 AVERAGE SURFACE ALBEDO	0.18	0.18	0.16	0.18	0.17
44 CLOUD TOP TEMPERATURE (K)	272.7	265.4	272.7	275.0	270.9
45 CLOUD TOP PRESSURE (MB)	825.	605.	825.	890.	785.

Table 3. Continued.

1 MONTH/DAY	10/17	10/17	10/17	10/17	10/17
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	1	1
7 SHORE FLAG	0	0	0	1	1
8 LAND/OCEAN FLAG	0	0	0	1	1
9 TOPOGRAPHY FLAG	0	0	0	1	1
10 SNOW/ICE FLAG	0	0	0	3	3
11 CLOUD CODE	1	1	1	3	3
12 IR CLEAR SKY CODE	1	1	1	31	31
13 IR THRESHOLD CODE	5	5	5	7	7
14 CLEAR SKY FILTER FLAG	0	0	0	1	1
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.9	****	****
16 IR RADIANCE (K) (COUNTS)	278.4 104	273.8 96	277.3 102	***** 255	***** 255
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.7 128	288.3 123	290.2 127	***** 255	***** 255
18 SOLAR GLINT FLAG	0	0	0	1	1
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	1	1
21 VIS DARK FLAG	0	0	0	1	1
22 VIS BRIGHT FLAG	0	0	0	1	1
23 VIS THRESHOLD CODE	5	4	4	7	7
24 SOLAR ZENITH ANGLE (DEG)	53.1	53.1	53.1	****	****
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	*****	*****
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.268 67	0.228 57	0.224 56	***** 255	***** 255
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.124 31	0.132 33	0.128 32	***** 255	***** 255
28 DAY/NIGHT FLAG	0	0	0	1	1
29 IR THRESHOLD CODE	5	5	5	7	7
30 VIS THRESHOLD CODE	5	4	4	7	7
31 IR RETRIEVAL CODE	7	0	0	15	15
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	15	15
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	280.5	274.4	278.9	*****	*****
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	950.	855.	865.	*****	*****
37 CLEAR SKY TEMPERATURE (K)	295.5	292.7	295.0	*****	*****
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	*****	*****
39 VIS RETRIEVAL CODE	1	1	1	15	15
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	15	15
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	3.55	2.24	2.12	*****	*****
43 AVERAGE SURFACE ALBEDO	0.18	0.19	0.19	*****	*****
44 CLOUD TOP TEMPERATURE (K)	277.8	270.9	274.4	*****	*****
45 CLOUD TOP PRESSURE (MB)	950.	780.	790.	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/17	10/17	10/17	10/17	10/17
2	HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	1	0	0	0	0
7	SHORE FLAG	1	0	0	0	0
8	LAND/OCEAN FLAG	1	0	0	0	0
9	TOPOGRAPHY FLAG	1	0	0	0	0
10	SNOW/ICE FLAG	3	0	0	0	0
11	CLOUD CODE	3	2	0	1	1
12	IR CLEAR SKY CODE	31	1	1	1	1
13	IR THRESHOLD CODE	7	4	4	5	5
14	CLEAR SKY FILTER FLAG	1	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	*****	50.2	50.2	50.2	50.2
16	IR RADIANCE (K)	*****	284.7	283.2	272.7	271.5
	(COUNTS)	255	116	113	94	92
17	IR CLEAR SKY RADIANCE (K)	*****	290.7	290.7	291.2	290.7
	(COUNTS)	255	128	128	129	128
18	SOLAR GLINT FLAG	1	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	1	1	0	0	0
21	VIS DARK FLAG	1	0	0	0	0
22	VIS BRIGHT FLAG	1	0	0	0	0
23	VIS THRESHOLD CODE	7	3	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	*****	52.4	52.4	52.4	52.4
25	GOES-SOLAR AZIMUTH (DEG)	*****	174.0	174.0	174.0	174.0
26	VIS RADIANCE (REFLECTANCE)	*****	0.176	0.260	0.380	0.444
	(COUNTS)	255	44	65	95	111
27	VIS CLEAR SKY RADIANCE (REFL)	*****	0.140	0.124	0.140	0.140
	(COUNTS)	255	35	31	35	35
28	DAY/NIGHT FLAG	1	0	0	0	0
29	IR THRESHOLD CODE	7	4	4	5	5
30	VIS THRESHOLD CODE	7	3	5	5	5
31	IR RETRIEVAL CODE	15	7	7	0	0
32	IR CLEAR SKY RETRIEVAL CODE	15	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	*****	287.8	286.3	273.2	271.5
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	*****	950.	950.	825.	795.
37	CLEAR SKY TEMPERATURE (K)	*****	295.5	295.5	296.0	295.5
38	CLEAR SKY PRESSURE (MB)	*****	950.	950.	950.	950.
39	VIS RETRIEVAL CODE	15	1	1	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	15	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	*****	0.72	3.32	9.06	17.69
43	AVERAGE SURFACE ALBEDO	*****	0.21	0.18	0.21	0.21
44	CLOUD TOP TEMPERATURE (K)	*****	276.1	282.7	273.2	271.5
45	CLOUD TOP PRESSURE (MB)	*****	835.	950.	825.	795.

Table 3. Continued.

1 MONTH/DAY	10/17	10/17	10/17	10/17	10/17
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	2	0	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	3	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	283.2	282.7	284.7	283.7	283.2
(COUNTS)	113	112	116	114	113
17 IR CLEAR SKY RADIANCE (K)	286.8	286.3	287.8	287.8	287.8
(COUNTS)	120	119	122	122	122
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	2	2	3
24 SOLAR ZENITH ANGLE (DEG)	69.5	70.1	69.5	69.5	69.5
25 GOES-SOLAR AZIMUTH (DEG)	137.0	137.0	137.0	137.0	137.0
26 VIS RADIANCE (REFLECTANCE)	0.072	0.096	0.068	0.076	0.084
(COUNTS)	18	24	17	19	21
27 VIS CLEAR SKY RADIANCE (REFL)	0.072	0.080	0.072	0.080	0.076
(COUNTS)	18	20	18	20	19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	3
30 VIS THRESHOLD CODE	3	3	2	2	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	286.3	285.8	287.8	286.8	286.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	950.	950.	950.	950.	950.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	290.7	290.2	292.2	292.2	292.2
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.168	0.264	0.156	0.184	0.212
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.20	0.17	0.20	0.18
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/17	10/17	10/17	10/17	10/17
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	2	0	0	0
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	4	3	3	3	4
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	281.1 109	285.2 117	283.7 114	283.2 113	281.1 109
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	287.8 122	287.8 122	287.8 122	288.3 123	288.3 123
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	2	2	3	3
24	SOLAR ZENITH ANGLE (DEG)	70.1	68.9	68.9	69.5	69.5
25	GOES-SOLAR AZIMUTH (DEG)	138.0	137.0	137.0	137.0	137.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.104 26	0.0"2 18	0.076 19	0.108 27	0.104 26
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.080 20	0.080 20	0.068 17
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	4	3	3	3	4
30	VIS THRESHOLD CODE	3	2	2	3	3
31	IR RETRIEVAL CODE	7	0	0	0	7
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	288.8	286.8	286.3	*****
34	CLOUD TOP TEMPERATURE (K)	283.7	*****	*****	*****	283.7
35	SURFACE PRESSURE (MB)	*****	950.	950.	950.	*****
36	CLOUD TOP PRESSURE (MB)	950.	*****	*****	*****	950.
37	CLEAR SKY TEMPERATURE (K)	292.2	291.7	291.7	292.7	292.7
38	CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39	VIS RETRIEVAL CODE	1	0	0	0	1
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	0.164	0.180	0.296	*****
42	OPTICAL DEPTH	0.60	*****	*****	*****	0.87
43	AVERAGE SURFACE ALBEDO	0.20	0.19	0.19	0.20	0.16
44	CLOUD TOP TEMPERATURE (K)	269.1	*****	*****	*****	273.8
45	CLOUD TOP PRESSURE (MB)	740.	*****	*****	*****	850.

Table 3. Continued.

1 MONTH/DAY	10/18	10/18	10/18	10/18	10/18
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	3	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	4	3	3	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	281.1 109	273.8 96	283.2 113	283.2 113	282.7 112
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	282.7 112	282.2 111	283.7 114	283.2 113	282.2 111
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	4	2	3	3
24 SOLAR ZENITH ANGLE (DEG)	64.5	64.5	64.5	64.5	63.9
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	124.0	123.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.084 21	0.196 49	0.076 19	0.080 20	0.104 26
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.084 21	0.084 21	0.084 21	0.080 20	0.076 19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	4	3	3	2
30 VIS THRESHOLD CODE	3	4	2	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	282.7	*****	285.2	285.2	284.7
34 CLOUD TOP TEMPERATURE (K)	*****	274.4	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	*****	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	745.	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.7	284.2	285.8	285.2	284.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.172	*****	0.148	0.160	0.220
42 OPTICAL DEPTH	*****	6.11	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.17	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	*****	274.4	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	745.	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/18	10/18	10/18	10/18	10/18
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	3	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	281.6 110	282.7 112	282.7 112	283.2 113	283.2 113
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	282.2 111	283.7 114	283.7 114	283.2 113	283.2 113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	3	2	2
24 SOLAR ZENITH ANGLE (DEG)	63.9	64.5	63.9	63.9	63.9
25 GOES-SOLAR AZIMUTH (DEG)	123.0	124.0	123.0	123.0	123.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.084 21	0.084 21	0.084 21	0.076 19	0.080 20
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.088 22	0.084 21	0.080 20	0.088 22	0.084 21
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	3
30 VIS THRESHOLD CODE	2	3	3	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	283.2	284.7	284.7	285.2	285.2
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.2	285.8	285.8	285.2	285.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.168	0.172	0.168	0.144	0.156
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.18	0.17	0.16	0.18	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/18	10/18	10/18	10/18	10/18
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	1	0	0	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	4	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K)	287.3	281.6	288.3	285.2	285.2
(COUNTS)	121	110	123	117	117
17 IR CLEAR SKY RADIANCE (K)	290.7	288.3	290.7	290.7	290.7
(COUNTS)	128	123	128	128	128
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	5	3	4	4
24 SOLAR ZENITH ANGLE (DEG)	53.8	53.8	53.1	53.1	53.1
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.160	0.312	0.148	0.192	0.212
(COUNTS)	40	78	37	48	53
27 VIS CLEAR SKY RADIANCE (REFL)	0.120	0.132	0.128	0.132	0.132
(COUNTS)	30	33	32	33	33
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	4	3	3	3
30 VIS THRESHOLD CODE	3	5	3	4	4
31 IR RETRIEVAL CODE	0	0	0	7	7
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	290.2	*****	291.7	*****	*****
34 CLOUD TOP TEMPERATURE (K)	*****	283.7	*****	287.8	287.8
35 SURFACE PRESSURE (MB)	1000.	*****	1000.	*****	*****
36 CLOUD TOP PRESSURE (MB)	*****	950.	*****	1000.	1000.
37 CLEAR SKY TEMPERATURE (K)	294.6	291.7	294.6	294.6	294.6
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	1	0	1	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.252	*****	0.224	*****	*****
42 OPTICAL DEPTH	*****	5.25	*****	1.27	1.78
43 AVERAGE SURFACE ALBEDO	0.17	0.20	0.18	0.19	0.19
44 CLOUD TOP TEMPERATURE (K)	*****	281.6	*****	282.2	283.7
45 CLOUD TOP PRESSURE (MB)	*****	950.	*****	965.	1000.

Table 3. Continued.

1	MONTH/DAY	10/18	10/18	10/18	10/18	10/18
2	HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	2	0	0	0
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	4	3	3	3	3
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	282.7 112	286.3 119	287.8 122	288.8 124	287.8 122
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	290.7 128	290.7 128	291.2 129	290.7 128
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	3	3	2	3
24	SOLAR ZENITH ANGLE (DEG)	53.1	52.4	53.1	53.1	53.1
25	GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.284 71	0.192 48	0.148 37	0.136 34	0.144 36
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.136 34	0.140 35	0.120 30	0.140 35	0.140 35
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	4	3	3	3	3
30	VIS THRESHOLD CODE	5	3	3	2	3
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	289.3	291.2	292.2	291.2
34	CLOUD TOP TEMPERATURE (K)	285.2	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	*****	1000.	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	980.	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	294.1	294.6	294.6	295.0	294.6
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	1	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	0.304	0.224	0.200	0.216
42	OPTICAL DEPTH	3.88	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.21	0.21
44	CLOUD TOP TEMPERATURE (K)	282.2	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	970.	*****	*****	*****	*****

Table 3. Continued.

	10/18	10/18	10/18	10/18	10/18
1 MONTH/DAY					
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	2	0	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	3	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	285.2	285.2	285.8	285.8	285.2
(COUNTS)	117	117	118	118	117
17 IR CLEAR SKY RADIANCE (K)	286.8	286.3	287.8	287.8	287.8
(COUNTS)	120	119	122	122	122
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	70.1	70.7	69.5	70.1	70.1
25 GOES-SOLAR AZIMUTH (DEG)	137.0	138.0	137.0	137.0	137.0
26 VIS RADIANCE (REFLECTANCE)	0.072	0.076	0.072	0.076	0.072
(COUNTS)	18	19	18	19	18
27 VIS CLEAR SKY RADIANCE (REFL)	0.072	0.076	0.072	0.076	0.072
(COUNTS)	18	19	18	19	18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	3
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	287.8	287.8	288.8	288.3	287.8
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	289.8	289.3	291.2	291.2	291.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.172	0.196	0.168	0.188	0.176
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.20	0.17	0.19	0.18
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

	10/18	10/18	10/18	10/18	10/18
1 MONTH/DAY					
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	2	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	3	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	285.2	286.3	286.3	286.3	286.3
(COUNTS)	117	119	119	119	119
17 IR CLEAR SKY RADIANCE (K)	287.8	287.8	287.8	288.3	288.3
(COUNTS)	122	122	122	123	123
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	3	2	3
24 SOLAR ZENITH ANGLE (DEG)	70.1	69.5	69.5	69.5	70.1
25 GOES-SOLAR AZIMUTH (DEG)	138.0	137.0	137.0	137.0	137.0
26 VIS RADIANCE (REFLECTANCE)	0.076	0.076	0.084	0.072	0.076
(COUNTS)	19	19	21	18	19
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.076	0.076	0.080	0.064
(COUNTS)	20	19	19	20	16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	3
30 VIS THRESHOLD CODE	2	3	3	2	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	287.8	289.3	289.3	289.3	289.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	291.2	291.2	291.2	291.7	291.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.188	0.184	0.212	0.168	0.192
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.20	0.18	0.18	0.20	0.15
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/19	10/19	10/19	10/19	10/19
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	2	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	278.4 104	283.7 114	284.7 116	283.7 114	283.2 113
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	282.7 112	282.2 111	283.7 114	283.2 113	282.2 111
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	65.2	65.2	65.2	65.2	64.5
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	124.0	124.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.104 26	0.084 21	0.080 20	0.076 19	0.084 21
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.080 20	0.076 19	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	2	2	2	2
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	278.9	285.8	286.8	285.8	284.7
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.2	283.7	285.2	284.7	283.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.232	0.176	0.164	0.152	0.168
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.15	0.14
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/19	10/19	10/19	10/19	10/19
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	0	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	2	2	3	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16 IR RADIANCE (K)	283.7	284.7	283.7	283.7	283.7
(COUNTS)	114	116	114	114	114
17 IR CLEAR SKY RADIANCE (K)	282.2	283.7	283.7	283.2	283.2
(COUNTS)	111	114	114	113	113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	3	2
24 SOLAR ZENITH ANGLE (DEG)	64.5	64.5	64.5	64.5	64.5
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	124.0	123.0
26 VIS RADIANCE (REFLECTANCE)	0.076	0.072	0.064	0.084	0.080
(COUNTS)	19	18	16	21	20
27 VIS CLEAR SKY RADIANCE (REFL)	0.084	0.084	0.076	0.084	0.084
(COUNTS)	21	21	19	21	21
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	3	2	2
30 VIS THRESHOLD CODE	2	2	2	3	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	285.8	286.8	285.2	285.8	285.8
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	283.7	285.2	285.2	284.7	284.7
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.148	0.136	0.116	0.168	0.160
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.15	0.17	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

	10/19	10/19	10/19	10/19	10/19
1 MONTH/DAY					
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	290.7 128	290.2 127	291.2 129	291.2 129	291.2 129
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.7 128	288.3 123	290.2 127	290.7 128	290.7 128
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	2	2	2
24 SOLAR ZENITH ANGLE (DEG)	54.5	54.5	53.8	53.8	53.8
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.112 28	0.128 32	0.124 31	0.120 30	0.128 32
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.120 30	0.128 32	0.128 32	0.132 33	0.132 33
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	2	2	2	2
30 VIS THRESHOLD CODE	2	3	2	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	294.1	293.6	295.0	294.6	294.6
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	294.1	291.2	293.6	294.1	294.1
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.160	0.192	0.180	0.172	0.188
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.18	0.19	0.19	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/19	10/19	10/19	10/19	10/19
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	2	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	290.2 127	292.2 131	291.2 129	291.2 129	291.2 129
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	290.7 128	290.7 128	290.7 128	290.2 127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	2	2
24 SOLAR ZENITH ANGLE (DEG)	53.8	53.1	53.1	53.8	53.8
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.116 29	0.124 31	0.104 26	0.124 31	0.128 32
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.132 33	0.140 35	0.120 30	0.136 34	0.136 34
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	2	2	2	2
30 VIS THRESHOLD CODE	2	2	2	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	293.6	296.0	294.6	294.6	294.6
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	293.6	294.1	294.1	294.1	293.6
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.164	0.180	0.140	0.180	0.188
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.20	0.21	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/19	10/19	10/19	10/19	10/19
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	2	2	2	2	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	288.3 123	288.3 123	288.3 123	288.3 123	287.8 122
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	286.8 120	286.3 119	287.8 122	287.8 122	287.8 122
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	70.1	70.7	70.1	70.1	70.1
25 GOES-SOLAR AZIMUTH (DEG)	137.0	138.0	137.0	137.0	138.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.072 18	0.076 19	0.072 18	0.076 19	0.072 18
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.076 19	0.072 18	0.076 19	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	3
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	291.2	291.2	291.2	291.2	290.7
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	289.3	288.8	290.7	290.7	290.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.172	0.196	0.176	0.188	0.172
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.20	0.18	0.19	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/19	10/19	10/19	10/19	10/19
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	2	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	2	2	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	287.3	288.3	288.3	288.3	288.3
(COUNTS)	121	123	123	123	123
17 IR CLEAR SKY RADIANCE (K)	287.8	287.8	287.8	288.3	288.3
(COUNTS)	122	122	122	123	123
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	70.7	69.5	70.1	70.1	70.7
25 GOES-SOLAR AZIMUTH (DEG)	138.0	137.0	137.0	138.0	138.0
26 VIS RADIANCE (REFLECTANCE)	0.076	0.076	0.076	0.076	0.076
(COUNTS)	19	19	19	19	19
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.076	0.072	0.076	0.064
(COUNTS)	20	19	18	19	16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	2	2	3	3
30 VIS THRESHOLD CODE	2	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	290.2	291.2	291.2	291.2	291.2
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	290.7	290.7	290.7	291.2	291.2
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.196	0.184	0.192	0.188	0.196
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.18	0.18	0.19	0.15
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/20	10/20	10/20	10/20	10/20
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	2	2	0	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	285.8 118	283.2 113	287.3 121	285.8 118	285.2 117
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	282.7 112	282.2 111	283.7 114	283.2 113	282.2 111
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	65.2	65.2	65.2	65.2	65.2
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	124.0	124.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.084 21	0.088 22	0.084 21	0.084 21	0.088 22
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.080 20	0.076 19	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	289.3	285.8	291.7	289.3	288.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	985.	985.	970.	985.	985.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	285.2	284.7	286.8	285.8	284.7
38 CLEAR SKY PRESSURE (MB)	985.	985.	970.	985.	985.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.176	0.184	0.176	0.176	0.188
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.15	0.14
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/20	10/20	10/20	10/20	10/20
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.8	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.8	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	2	0	2	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	2	2	2	2	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16 IR RADIANCE (K)	283.2	287.3	285.8	284.7	265.4
(COUNTS)	113	121	118	116	82
17 IR CLEAR SKY RADIANCE (K)	282.2	283.7	283.7	283.2	283.2
(COUNTS)	111	114	114	113	113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	2	3	3	5
24 SOLAR ZENITH ANGLE (DEG)	64.5	65.2	64.5	64.5	64.5
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	124.0	124.0
26 VIS RADIANCE (REFLECTANCE)	0.112	0.080	0.084	0.088	0.244
(COUNTS)	28	20	21	22	61
27 VIS CLEAR SKY RADIANCE (REFL)	0.084	0.084	0.076	0.084	0.084
(COUNTS)	21	21	19	21	21
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	5
30 VIS THRESHOLD CODE	3	2	3	3	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	285.8	291.7	289.3	287.8	*****
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	266.0
35 SURFACE PRESSURE (MB)	985.	970.	985.	985.	*****
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	625.
37 CLEAR SKY TEMPERATURE (K)	284.7	286.8	286.3	285.8	285.8
38 CLEAR SKY PRESSURE (MB)	985.	970.	985.	985.	985.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.248	0.164	0.172	0.180	*****
42 OPTICAL DEPTH	*****	*****	*****	*****	14.51
43 AVERAGE SURFACE ALBEDO	0.17	0.18	0.15	0.17	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	266.0
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	625.

Table 3. Continued.

1	MONTH/DAY	10/20	10/20	10/20	10/20	10/20
2	HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3	LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4	LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	1	1	0	0	0
7	SHORE FLAG	1	1	0	0	0
8	LAND/OCEAN FLAG	1	1	0	0	0
9	TOPOGRAPHY FLAG	1	1	0	0	0
10	SNOW/ICE FLAG	3	3	0	0	0
11	CLOUD CODE	3	3	2	2	2
12	IR CLEAR SKY CODE	31	31	1	1	1
13	IR THRESHOLD CODE	7	7	2	2	2
14	CLEAR SKY FILTER FLAG	1	1	0	0	0
15	GOES ZENITH ANGLE (DEG)	****	****	50.9	50.9	50.9
16	IR RADIANCE (K)	*****	*****	292.2	292.2	291.7
	(COUNTS)	255	255	131	131	130
17	IR CLEAR SKY RADIANCE (K)	*****	*****	290.2	290.7	290.7
	(COUNTS)	255	255	127	128	128
18	SOLAR GLINT FLAG	1	1	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	1	1	0	0	0
21	VIS DARK FLAG	1	1	0	0	0
22	VIS BRIGHT FLAG	1	1	0	0	0
23	VIS THRESHOLD CODE	7	7	2	2	2
24	SOLAR ZENITH ANGLE (DEG)	****	****	53.8	53.8	54.5
25	GOES-SOLAR AZIMUTH (DEG)	*****	*****	174.0	174.0	174.0
26	VIS RADIANCE (REFLECTANCE)	*****	*****	0.120	0.120	0.124
	(COUNTS)	255	255	30	30	31
27	VIS CLEAR SKY RADIANCE (REFL)	*****	*****	0.128	0.132	0.128
	(COUNTS)	255	255	32	33	32
28	DAY/NIGHT FLAG	1	1	0	0	0
29	IR THRESHOLD CODE	7	7	2	2	2
30	VIS THRESHOLD CODE	7	7	2	2	2
31	IR RETRIEVAL CODE	15	15	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	15	15	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	297.8	297.4	296.9
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	*****	*****	970.	985.	985.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	*****	*****	295.5	295.5	295.5
38	CLEAR SKY PRESSURE (MB)	*****	*****	970.	985.	985.
39	VIS RETRIEVAL CODE	15	15	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	15	15	0	0	0
41	SURFACE ALBEDO	*****	*****	0.172	0.172	0.184
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	*****	*****	0.19	0.20	0.19
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/20	10/20	10/20	10/20	10/20
2	HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	2	2	2	2	2
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	3	2	2	2	2
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	289.3 125	292.2 131	292.2 131	291.7 130	291.7 130
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	290.7 128	290.7 128	291.2 129	290.7 128
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	2	3	2	2
24	SOLAR ZENITH ANGLE (DEG)	54.5	53.1	53.1	53.1	53.1
25	GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.132 33	0.124 31	0.132 33	0.124 31	0.128 32
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.132 33	0.140 35	0.120 30	0.140 35	0.140 35
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	3	2	2	2	2
30	VIS THRESHOLD CODE	3	2	3	2	2
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	293.6	297.8	297.4	296.5	296.5
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	985.	970.	985.	985.	985.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	295.0	296.0	295.5	296.0	295.5
38	CLEAR SKY PRESSURE (MB)	985.	970.	985.	985.	985.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.200	0.180	0.192	0.176	0.184
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.20	0.21	0.17	0.21	0.21
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/20	10/20	10/20	10/20	10/20
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	1	0	0	0
7 SHORE FLAG	0	1	0	0	0
8 LAND/OCEAN FLAG	0	1	0	0	0
9 TOPOGRAPHY FLAG	0	1	0	0	0
10 SNOW/ICE FLAG	0	3	0	0	0
11 CLOUD CODE	1	3	0	2	2
12 IR CLEAR SKY CODE	1	31	1	1	1
13 IR THRESHOLD CODE	5	7	3	2	2
14 CLEAR SKY FILTER FLAG	0	1	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	*****	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	271.5 92	***** 255	285.8 118	288.8 124	289.8 126
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	286.8 120	***** 255	287.8 122	287.8 122	287.8 122
18 SOLAR GLINT FLAG	0	1	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	1	0	0	0
22 VIS BRIGHT FLAG	0	1	0	0	0
23 VIS THRESHOLD CODE	2	7	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	70.7	*****	70.1	70.7	70.7
25 GOES-SOLAR AZIMUTH (DEG)	138.0	*****	137.0	138.0	138.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.064 16	***** 255	0.092 23	0.084 21	0.076 19
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.068 17	***** 255	0.072 18	0.076 19	0.072 18
28 DAY/NIGHT FLAG	0	1	0	0	0
29 IR THRESHOLD CODE	5	7	3	2	2
30 VIS THRESHOLD CODE	2	7	3	3	3
31 IR RETRIEVAL CODE	0	15	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	15	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	289.8	293.2	294.1
34 CLOUD TOP TEMPERATURE (K)	272.1	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	*****	*****	970.	985.	985.
36 CLOUD TOP PRESSURE (MB)	730.	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	290.7	*****	292.2	291.7	291.7
38 CLEAR SKY PRESSURE (MB)	985.	*****	970.	985.	985.
39 VIS RETRIEVAL CODE	6	15	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	15	0	0	0
41 SURFACE ALBEDO	*****	*****	0.248	0.228	0.196
42 OPTICAL DEPTH	0.40	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.16	*****	0.18	0.20	0.18
44 CLOUD TOP TEMPERATURE (K)	206.2	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	120.	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/20	10/20	10/20	10/20	10/20
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	2	2	2	2
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	2	2	2	3	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	288.8	291.2	290.7	286.3	288.8
(COUNTS)	124	129	128	119	124
17 IR CLEAR SKY RADIANCE (K)	287.8	287.8	287.8	288.3	288.3
(COUNTS)	122	122	122	123	123
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	70.7	70.1	70.1	70.1	70.7
25 GOES-SOLAR AZIMUTH (DEG)	138.0	137.0	137.0	138.0	138.0
26 VIS RADIANCE (REFLECTANCE)	0.080	0.076	0.088	0.112	0.076
(COUNTS)	20	19	22	28	19
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.072	0.072	0.076	0.064
(COUNTS)	20	18	18	19	16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	3	2
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	293.2	296.5	295.5	289.8	293.2
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	985.	970.	985.	985.	985.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	291.7	292.2	291.7	292.2	292.2
38 CLEAR SKY PRESSURE (MB)	985.	970.	985.	985.	985.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.212	0.192	0.232	0.320	0.196
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.18	0.18	0.19	0.15
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/21	10/21	10/21	10/21	10/21
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	2	0	0
12 IR CLEAR SKY CODE	2	2	1	1	9
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	1	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	288.3 123	288.3 123	288.3 123	288.8 124	288.3 123
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	285.2 117	283.7 114	285.2 117	288.3 123	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	65.8	65.2	65.2	65.2	65.2
25 GOES-SOLAR AZIMUTH (DEG)	125.0	124.0	125.0	124.0	124.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.084 21	0.080 20	0.084 21	0.080 20	0.084 21
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.080 20	0.076 19	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	290.7	290.7	291.7	291.2	290.7
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	286.8	284.7	287.3	290.7	281.6
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.180	0.164	0.176	0.164	0.176
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.16	0.16	0.15	0.14
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/21	10/21	10/21	10/21	10/21
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	2	0	0	0
12 IR CLEAR SKY CODE	2	1	1	9	9
13 IR THRESHOLD CODE	2	2	3	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	287.8 122	288.3 123	288.3 123	288.8 124	288.8 124
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	283.7 114	285.2 117	288.3 123	282.7 112	283.2 113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	65.2	65.2	65.2	64.5	64.5
25 GOES-SOLAR AZIMUTH (DEG)	124.0	124.0	124.0	124.0	124.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.084 21	0.088 22	0.084 21	0.088 22	0.084 21
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.084 21	0.084 21	0.076 19	0.084 21	0.084 21
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	3	2	2
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	290.2	291.7	290.7	291.2	291.2
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.7	287.3	290.7	283.2	284.2
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.176	0.188	0.176	0.180	0.172
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.18	0.18	0.15	0.17	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/21	10/21	10/21	10/21	10/21
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	2	2	0
12 IR CLEAR SKY CODE	1	9	1	1	1
13 IR THRESHOLD CODE	3	2	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	294.1 135	292.2 131	294.1 135	294.1 135	294.1 135
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	294.1 135	288.3 123	294.1 135	294.1 135	294.1 135
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	3	3
24 SOLAR ZENITH ANGLE (DEG)	54.5	54.5	54.5	54.5	54.5
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.108 27	0.124 31	0.116 29	0.128 32	0.132 33
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.120 30	0.128 32	0.124 31	0.128 32	0.128 32
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	2	3	3	3
30 VIS THRESHOLD CODE	2	2	2	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	298.3	296.0	299.6	298.3	298.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	298.3	290.7	299.6	298.3	298.3
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.152	0.184	0.168	0.192	0.200
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.18	0.19	0.18	0.19	0.19
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/21	10/21	10/21	10/21	10/21
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	2	2	0	0
12 IR CLEAR SKY CODE	9	1	1	1	9
13 IR THRESHOLD CODE	2	3	3	3	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	293.2	294.1	294.1	294.1	294.1
(COUNTS)	133	135	135	135	135
17 IR CLEAR SKY RADIANCE (K)	290.2	294.1	294.1	294.1	290.2
(COUNTS)	127	135	135	135	127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	3	2	2
24 SOLAR ZENITH ANGLE (DEG)	54.5	53.8	53.8	53.8	53.8
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.116	0.128	0.132	0.128	0.124
(COUNTS)	29	32	33	32	31
27 VIS CLEAR SKY RADIANCE (REFL)	0.132	0.136	0.120	0.136	0.136
(COUNTS)	33	34	30	34	34
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	3	3	3	2
30 VIS THRESHOLD CODE	2	2	3	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	296.9	299.2	298.3	298.3	298.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	293.2	299.2	298.3	298.3	293.2
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.168	0.188	0.196	0.188	0.180
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/21	10/21	10/21	10/21	10/21
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4	LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	2	2
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	3	3	3	3	2
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16	IR RADIANCE (K)	286.3	287.3	291.2	290.7	290.7
	(COUNTS)	119	121	129	128	128
17	IR CLEAR SKY RADIANCE (K)	290.2	290.2	291.2	290.7	290.2
	(COUNTS)	127	127	129	128	127
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	3	3	3	3
24	SOLAR ZENITH ANGLE (DEG)	70.7	71.3	70.1	70.7	70.7
25	GOES-SOLAR AZIMUTH (DEG)	138.0	138.0	138.0	138.0	138.0
26	VIS RADIANCE (REFLECTANCE)	0.124	0.108	0.076	0.084	0.084
	(COUNTS)	31	27	19	21	21
27	VIS CLEAR SKY RADIANCE (REFL)	0.068	0.076	0.072	0.076	0.072
	(COUNTS)	17	19	18	19	18
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	3	3	3	3	2
30	VIS THRESHOLD CODE	3	3	3	3	3
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	287.8	289.3	295.5	293.6	294.1
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	293.2	293.2	295.5	293.6	293.2
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.376	0.328	0.192	0.228	0.224
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.16	0.20	0.18	0.20	0.18
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/21	10/21	10/21	10/21	10/21
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	2	2	0	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	3	3	3	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	49.5	49.5	50.2	50.2
16 IR RADIANCE (K)	290.2	291.2	291.2	291.2	291.2
(COUNTS)	127	129	129	129	129
17 IR CLEAR SKY RADIANCE (K)	290.2	291.2	291.2	291.2	291.2
(COUNTS)	127	129	129	129	129
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	70.7	70.1	70.1	70.7	70.7
25 GOES-SOLAR AZIMUTH (DEG)	138.0	137.0	138.0	138.0	138.0
26 VIS RADIANCE (REFLECTANCE)	0.076	0.080	0.076	0.084	0.072
(COUNTS)	19	20	19	21	18
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.072	0.072	0.076	0.064
(COUNTS)	20	18	18	19	16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	3	3	3
30 VIS THRESHOLD CODE	2	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	293.2	295.5	294.6	294.6	294.6
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	293.2	295.5	294.6	294.6	294.6
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.196	0.208	0.192	0.228	0.180
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.18	0.18	0.20	0.15
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/22	10/22	10/22	10/22	10/22
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	2	2	1	1	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	1	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	243.7	246.9	235.7	243.7	250.1
(COUNTS)	52	56	43	52	60
17 IR CLEAR SKY RADIANCE (K)	285.2	283.7	285.2	288.3	281.6
(COUNTS)	117	114	117	123	110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	4	5	4	4
24 SOLAR ZENITH ANGLE (DEG)	65.8	65.8	65.8	65.8	65.8
25 GOES-SOLAR AZIMUTH (DEG)	125.0	125.0	125.0	125.0	125.0
26 VIS RADIANCE (REFLECTANCE)	0.196	0.172	0.204	0.188	0.176
(COUNTS)	49	43	51	47	44
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.080	0.080	0.076	0.072
(COUNTS)	20	20	20	19	18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	4	4	5	4	4
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	243.7	246.9	235.7	243.7	250.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	400.	420.	340.	400.	440.
37 CLEAR SKY TEMPERATURE (K)	287.8	285.8	289.3	292.2	283.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	1	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	6.94	4.67	8.44	6.34	5.35
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.17	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	243.7	246.1	235.7	243.7	249.3
45 CLOUD TOP PRESSURE (MB)	400.	415.	340.	400.	435.

Table 3. Continued.

1	MONTH/DAY	10/22	10/22	10/22	10/22	10/22
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	1	1	1	1	1
12	IR CLEAR SKY CODE	2	1	1	9	9
13	IR THRESHOLD CODE	5	5	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16	IR RADIANCE (K) (COUNTS)	245.3 54	228.6 36	232.7 40	235.7 43	256.7 69
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	283.7 114	285.2 117	288.3 123	282.7 112	283.2 113
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	4	5	5	5	4
24	SOLAR ZENITH ANGLE (DEG)	65.2	65.8	65.2	65.2	65.2
25	GOES-SOLAR AZIMUTH (DEG)	124.0	125.0	125.0	124.0	124.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.188 47	0.268 6"	0.232 58	0.240 60	0.148 37
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.084 21	0.080 20	0.076 19	0.084 21	0.080 20
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	5	5
30	VIS THRESHOLD CODE	4	5	5	5	4
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	245.3	228.6	232.7	235.7	256.7
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	410.	285.	335.	355.	505.
37	CLEAR SKY TEMPERATURE (K)	285.8	289.3	292.2	284.7	285.2
38	CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	1
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	6.11	36.45	13.52	16.15	3.25
43	AVERAGE SURFACE ALBEDO	0.18	0.17	0.15	0.18	0.16
44	CLOUD TOP TEMPERATURE (K)	245.3	228.6	232.7	235.7	254.6
45	CLOUD TOP PRESSURE (MB)	410.	285.	335.	355.	480.

Table 3. Continued.

1 MONTH/DAY	10/22	10/22	10/22	10/22	10/22
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	9	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.9	50.9	50.9
16 IR RADIANCE (K)	231.7	231.7	240.1	235.7	228.6
(COUNTS)	39	39	48	43	36
17 IR CLEAR SKY RADIANCE (K)	294.1	288.3	294.1	294.1	294.1
(COUNTS)	135	123	135	135	135
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.2	55.2	54.5	54.5	54.5
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.320	0.284	0.268	0.320	0.340
(COUNTS)	80	71	67	80	85
27 VIS CLEAR SKY RADIANCE (REFL)	0.116	0.128	0.124	0.128	0.128
(COUNTS)	29	32	31	32	32
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	231.7	231.7	240.1	235.7	228.6
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	330.	330.	370.	355.	310.
37 CLEAR SKY TEMPERATURE (K)	300.1	292.2	301.4	300.1	300.1
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	1	1	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	6.82	4.67	3.96	6.22	7.59
43 AVERAGE SURFACE ALBEDO	0.17	0.20	0.18	0.19	0.19
44 CLOUD TOP TEMPERATURE (K)	231.7	229.6	236.6	235.7	228.6
45 CLOUD TOP PRESSURE (MB)	330.	315.	345.	355.	310.

Table 3. Continued.

1 MONTH/DAY	10/22	10/22	10/22	10/22	10/22
2 HOUR:MIN (GMT)	18:04	13:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	9	1	1	1	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	227.5 35	231.7 39	234.8 42	232.7 40	231.7 39
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	294.1 135	294.1 135	294.1 135	290.2 127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	54.5	54.5	54.5	54.5	54.5
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.348 87	0.340 85	0.468 117	0.452 113	0.296 74
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.132 33	0.132 33	0.116 29	0.132 33	0.132 33
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	227.5	231.7	234.8	232.7	231.7
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	310.	310.	345.	335.	330.
37 CLEAR SKY TEMPERATURE (K)	294.6	301.4	300.1	300.1	294.6
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	8.01	7.73	38.29	29.63	5.05
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	227.5	231.7	234.8	232.7	230.6
45 CLOUD TOP PRESSURE (MB)	310.	310.	345.	335.	320.

Table 3. Continued.

1 MONTH/DAY	10/22	10/22	10/22	10/22	10/22
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.2	50.2	50.2
16 IR RADIANCE (K)	236.6	225.4	226.5	228.6	224.4
(COUNTS)	44	33	34	36	32
17 IR CLEAR SKY RADIANCE (K)	290.2	290.2	291.2	290.7	290.7
(COUNTS)	127	127	129	128	128
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	71.3	71.3	70.7	71.3	71.3
25 GOES-SOLAR AZIMUTH (DEG)	138.0	138.0	138.0	138.0	138.0
26 VIS RADIANCE (REFLECTANCE)	0.176	0.208	0.232	0.248	0.224
(COUNTS)	44	52	58	62	56
27 VIS CLEAR SKY RADIANCE (REFL)	0.064	0.076	0.068	0.072	0.068
(COUNTS)	16	19	17	18	17
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	4	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	236.6	225.4	226.5	228.6	224.4
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	360.	310.	265.	310.	310.
37 CLEAR SKY TEMPERATURE (K)	294.6	294.6	297.4	295.5	295.5
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	8.15	25.54	39.26	84.38	39.26
43 AVERAGE SURFACE ALBEDO	0.16	0.20	0.17	0.19	0.17
44 CLOUD TOP TEMPERATURE (K)	236.6	225.4	226.5	228.6	224.4
45 CLOUD TOP PRESSURE (MB)	360.	310.	265.	310.	310.

Table 3. Continued.

	10/23	10/23	10/23	10/23	10/23
1 MONTH/DAY					
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	2	2	1	1	9
13 IR THRESHOLD CODE	4	4	4	5	4
14 CLEAR SKY FILTER FLAG	1	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	273.8	272.7	276.1	275.6	273.8
(COUNTS)	96	94	100	99	96
17 IR CLEAR SKY RADIANCE (K)	285.2	283.7	285.2	288.3	281.6
(COUNTS)	117	114	117	123	110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	66.4	66.4	66.4	65.8	65.8
25 GOES-SOLAR AZIMUTH (DEG)	125.0	125.0	125.0	125.0	125.0
26 VIS RADIANCE (REFLECTANCE)	0.224	0.276	0.252	0.256	0.276
(COUNTS)	56	69	63	64	69
27 VIS CLEAR SKY RADIANCE (REFL)	0.076	0.076	0.076	0.076	0.072
(COUNTS)	19	19	19	19	18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	4	4	5	4
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	274.4	273.2	277.3	276.7	274.4
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	770.	750.	810.	810.	770.
37 CLEAR SKY TEMPERATURE (K)	288.8	286.8	288.8	292.7	283.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	11.76	42.42	22.63	21.77	37.35
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	274.4	273.2	277.3	276.7	274.4
45 CLOUD TOP PRESSURE (MB)	770.	750.	810.	810.	770.

Table 3. Continued.

1	MONTH/DAY	10/22	10/22	10/22	10/22	10/22
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	1	1	1	0
7	SHORE FLAG	0	1	1	1	0
8	LAND/OCEAN FLAG	0	1	1	1	0
9	TOPOGRAPHY FLAG	0	1	1	1	0
10	SNOW/ICE FLAG	0	3	3	3	0
11	CLOUD CODE	1	3	3	3	1
12	IR CLEAR SKY CODE	1	31	31	31	1
13	IR THRESHOLD CODE	5	7	7	7	5
14	CLEAR SKY FILTER FLAG	0	1	1	1	0
15	GOES ZENITH ANGLE (DEG)	50.2	****	****	****	50.2
16	IR RADIANCE (K) (COUNTS)	225.4 33	*****	*****	*****	225.4 33
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	*****	*****	*****	291.2 129
18	SOLAR GLINT FLAG	0	1	1	1	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	1	1	0
21	VIS DARK FLAG	0	1	1	1	0
22	VIS BRIGHT FLAG	0	1	1	1	0
23	VIS THRESHOLD CODE	5	7	7	7	5
24	SOLAR ZENITH ANGLE (DEG)	71.3	****	****	****	71.3
25	GOES-SOLAR AZIMUTH (DEG)	138.0	*****	*****	*****	138.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.200 50	*****	*****	*****	0.216 54
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	*****	*****	*****	0.060 15
28	DAY/NIGHT FLAG	0	1	1	1	0
29	IR THRESHOLD CODE	5	7	7	7	5
30	VIS THRESHOLD CODE	5	7	7	7	5
31	IR RETRIEVAL CODE	0	15	15	15	0
32	IR CLEAR SKY RETRIEVAL CODE	0	15	15	15	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	225.4	*****	*****	*****	225.4
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	310.	*****	*****	*****	310.
37	CLEAR SKY TEMPERATURE (K)	294.6	*****	*****	*****	296.0
38	CLEAR SKY PRESSURE (MB)	1000.	*****	*****	*****	1000.
39	VIS RETRIEVAL CODE	0	15	15	15	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	15	15	15	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	23.08	*****	*****	*****	33.94
43	AVERAGE SURFACE ALBEDO	0.20	*****	*****	*****	0.14
44	CLOUD TOP TEMPERATURE (K)	225.4	*****	*****	*****	225.4
45	CLOUD TOP PRESSURE (MB)	310.	*****	*****	*****	310.

Table 3. Continued.

1	MONTH/DAY	10/23	10/23	10/23	10/23	10/23
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	1	1	0	0
12	IR CLEAR SKY CODE	2	1	1	9	9
13	IR THRESHOLD CODE	4	5	5	4	4
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16	IR RADIANCE (K) (COUNTS)	273.2 95	271.5 92	270.3 90	272.7 94	272.7 94
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	283.7 114	285.2 117	288.3 123	282.7 112	283.2 113
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	5	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	65.8	65.8	65.8	65.2	65.2
25	GOES-SOLAR AZIMUTH (DEG)	125.0	125.0	125.0	125.0	124.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.320 80	0.296 74	0.352 88	0.320 80	0.320 80
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.072 18	0.084 21	0.080 20
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	4	5	5	4	4
30	VIS THRESHOLD CODE	5	5	5	5	5
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	273.8	272.1	270.3	273.2	273.2
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	760.	710.	700.	745.	745.
37	CLEAR SKY TEMPERATURE (K)	286.3	288.8	292.7	285.2	285.8
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	101.01	74.72	119.59	88.06	92.02
43	AVERAGE SURFACE ALBEDO	0.17	0.17	0.14	0.18	0.16
44	CLOUD TOP TEMPERATURE (K)	273.8	272.1	270.3	273.2	273.2
45	CLOUD TOP PRESSURE (MB)	760.	710.	700.	745.	745.

Table 3. Continued.

1	MONTH/DAY	10/23	10/23	10/23	10/23	10/23
2	HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3	LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4	LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	1
12	IR CLEAR SKY CODE	1	9	1	1	1
13	IR THRESHOLD CODE	5	4	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16	IR RADIANCE (K) (COUNTS)	273.8 96	277.8 103	272.7 94	272.7 94	271.5 92
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	294.1 135	288.3 123	294.1 135	294.1 135	294.1 135
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	5	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	55.2	55.2	55.2	55.2	55.2
25	GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.432 108	0.316 79	0.476 119	0.496 124	0.420 105
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.116 29	0.128 32	0.124 31	0.128 32	0.128 32
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	4	5	5	5
30	VIS THRESHOLD CODE	5	5	5	5	5
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	274.4	278.9	273.2	273.2	272.1
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	770.	860.	735.	745.	725.
37	CLEAR SKY TEMPERATURE (K)	300.1	292.7	300.5	300.1	300.1
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	24.03	6.11	50.11	74.72	19.78
43	AVERAGE SURFACE ALBEDO	0.17	0.20	0.19	0.20	0.20
44	CLOUD TOP TEMPERATURE (K)	274.4	278.9	273.2	273.2	272.1
45	CLOUD TOP PRESSURE (MB)	770.	860.	735.	745.	725.

Table 3. Continued.

1 MONTH/DAY	10/23	10/23	10/23	10/23	10/23
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	9	1	1	1	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	273.8 96	276.7 10	272.7 94	272.7 94	273.2 95
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	294.1 135	294.1 135	294.1 135	290.2 127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.2	54.5	54.5	54.5	54.5
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.352 88	0.588 147	0.464 116	0.480 120	0.480 120
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.128 32	0.132 33	0.116 29	0.132 33	0.132 33
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	274.4	277.8	273.2	273.2	273.8
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	770.	825.	745.	745.	760.
37 CLEAR SKY TEMPERATURE (K)	295.0	300.5	300.1	300.1	295.0
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	8.74	119.59	34.74	44.76	44.76
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	274.4	277.8	273.2	273.2	273.8
45 CLOUD TOP PRESSURE (MB)	770.	825.	745.	745.	760.

Table 3. Continued.

1	MONTH/DAY	10/23	10/23	10/23	10/23	10/23
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4	LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	0
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	5	5	5	4	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16	IR RADIANCE (K) (COUNTS)	275.6 99	275.6 99	276.7 101	278.9 105	276.7 101
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	290.2 127	291.2 129	290.2 127	290.2 127
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	5	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	71.3	71.3	70.7	71.3	71.3
25	GOES-SOLAR AZIMUTH (DEG)	138.0	138.0	138.0	138.0	138.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.244 61	0.260 65	0.240 60	0.192 48	0.196 49
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.064 16	0.076 19	0.068 17	0.072 18	0.068 17
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	4	5
30	VIS THRESHOLD CODE	5	5	5	5	5
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	276.7	276.7	277.8	280.5	277.8
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	810.	810.	825.	885.	835.
37	CLEAR SKY TEMPERATURE (K)	295.0	295.0	296.9	295.0	295.0
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	62.40	92.02	44.76	11.76	14.51
43	AVERAGE SURFACE ALBEDO	0.16	0.20	0.17	0.19	0.17
44	CLOUD TOP TEMPERATURE (K)	276.7	276.7	277.8	280.5	277.8
45	CLOUD TOP PRESSURE (MB)	810.	810.	825.	885.	835.

Table 3. Continued.

1	MONTH/DAY	10/23	10/23	10/23	10/23	10/23
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	1	1	0
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	5	5	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	276.7 101	276.1 100	275.0 98	272.7 94	272.7 94
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	291.2 129	291.2 129	291.2 129	291.2 129
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	4	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	71.9	70.7	70.7	71.3	71.3
25	GOES-SOLAR AZIMUTH (DEG)	139.0	138.0	138.0	138.0	139.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.216 54	0.164 41	0.204 51	0.212 53	0.196 49
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	0.072 18	0.072 18	0.072 18	0.060 15
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	5	5
30	VIS THRESHOLD CODE	5	4	5	5	5
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	277.8	277.3	275.6	273.2	273.2
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	835.	810.	795.	745.	745.
37	CLEAR SKY TEMPERATURE (K)	295.0	296.9	296.5	296.5	296.5
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	1	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	27.19	4.67	15.36	28.37	13.52
43	AVERAGE SURFACE ALBEDO	0.21	0.18	0.18	0.19	0.14
44	CLOUD TOP TEMPERATURE (K)	277.8	275.6	275.6	273.2	273.2
45	CLOUD TOP PRESSURE (MB)	835.	800.	795.	745.	745.

Table 3. Continued.

1 MONTH/DAY	10/24	10/24	10/24	10/24	10/24
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	0	1	1
12 IR CLEAR SKY CODE	2	2	1	1	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	1	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	264.7 81	250.9 61	270.9 91	245.3 54	241.0 49
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	285.2 117	283.7 114	285.2 117	288.3 123	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	4	5	5
24 SOLAR ZENITH ANGLE (DEG)	66.4	66.4	66.4	65.8	65.8
25 GOES-SOLAR AZIMUTH (DEG)	125.0	125.0	125.0	125.0	125.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.200 50	0.216 54	0.148 37	0.252 63	0.256 64
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	0.076 19	0.076 19	0.076 19	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	4	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	264.7	250.9	271.5	245.3	241.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	580.	440.	700.	400.	370.
37 CLEAR SKY TEMPERATURE (K)	288.8	286.8	289.3	293.2	283.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	1	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	8.15	11.35	3.48	22.63	25.54
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	264.7	250.9	269.7	245.3	241.0
45 CLOUD TOP PRESSURE (MB)	580.	440.	675.	400.	370.

Table 3. Continued.

1	MONTH/DAY	10/24	10/24	10/24	10/24	10/24
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	1	1	1	1	1
12	IR CLEAR SKY CODE	2	1	1	9	9
13	IR THRESHOLD CODE	5	5	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	239.2 47	262.1 77	242.8 51	241.9 50	243.7 52
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	283.7 114	285.2 117	288.3 123	282.7 112	283.2 113
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	4	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	65.8	65.8	65.8	65.8	65.2
25	GOES-SOLAR AZIMUTH (DEG)	125.0	125.0	125.0	125.0	125.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.276 69	0.188 47	0.284 71	0.276 69	0.280 70
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.072 18	0.080 20	0.080 20
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	5	5
30	VIS THRESHOLD CODE	5	4	5	5	5
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	239.2	262.8	242.8	241.9	243.7
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	355.	570.	380.	375.	390.
37	CLEAR SKY TEMPERATURE (K)	286.8	289.3	292.7	285.2	285.8
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	43.57	6.22	62.40	43.57	42.42
43	AVERAGE SURFACE ALBEDO	0.17	0.17	0.14	0.17	0.16
44	CLOUD TOP TEMPERATURE (K)	239.2	262.8	242.8	241.9	243.7
45	CLOUD TOP PRESSURE (MB)	355.	570.	380.	375.	390.

Table 3. Continued.

1 MONTH/DAY	10/24	10/24	10/24	10/24	10/24
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	1	0	1	1
12 IR CLEAR SKY CODE	1	9	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	268.4 87	255.3 67	268.4 87	264.7 81	253.1 64
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	294.1 135	288.3 123	294.1 135	294.1 135	294.1 135
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.9	55.9	55.2	55.2	55.2
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.312 78	0.268 67	0.396 99	0.368 92	0.404 101
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.116 29	0.124 31	0.124 31	0.128 32	0.128 32
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	268.4	255.3	268.4	264.7	253.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	635.	485.	655.	580.	460.
37 CLEAR SKY TEMPERATURE (K)	301.0	293.2	301.4	301.0	301.0
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	1	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	6.45	4.22	15.30	10.59	16.44
43 AVERAGE SURFACE ALBEDO	0.18	0.19	0.19	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	268.4	253.9	268.4	264.7	253.1
45 CLOUD TOP PRESSURE (MB)	635.	470.	655.	580.	460.

Table 3. Continued.

1 MONTH/DAY	10/24	10/24	10/24	10/24	10/24
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GC	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	9	1	1	1	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	246.9	252.4	252.4	252.4	256.0
(COUNTS)	56	63	63	63	68
17 IR CLEAR SKY RADIANCE (K)	290.2	294.1	294.1	294.1	290.2
(COUNTS)	127	135	135	135	127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.2	54.5	54.5	55.2	55.2
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.396	0.364	0.364	0.392	0.456
(COUNTS)	99	91	91	98	114
27 VIS CLEAR SKY RADIANCE (REFL)	0.128	0.132	0.116	0.132	0.132
(COUNTS)	32	33	29	33	33
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	246.9	252.4	252.4	252.4	256.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	410.	465.	455.	455.	490.
37 CLEAR SKY TEMPERATURE (K)	295.5	301.4	301.0	301.0	295.5
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	14.77	9.71	10.23	14.51	35.58
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	246.9	252.4	252.4	252.4	256.0
45 CLOUD TOP PRESSURE (MB)	410.	465.	455.	455.	490.

Table 3. Continued.

1 MONTH/DAY	10/24	10/24	10/24	10/24	10/24
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16 IR RADIANCE (K)	246.9	258.9	258.2	260.8	264.1
(COUNTS)	56	72	71	75	80
17 IR CLEAR SKY RADIANCE (K)	290.2	290.2	291.2	290.7	290.2
(COUNTS)	127	127	129	128	127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	4	5	4	5
24 SOLAR ZENITH ANGLE (DEG)	71.9	71.9	71.3	71.3	71.9
25 GOES-SOLAR AZIMUTH (DEG)	138.0	139.0	138.0	138.0	139.0
26 VIS RADIANCE (REFLECTANCE)	0.216	0.188	0.188	0.132	0.196
(COUNTS)	54	47	47	33	49
27 VIS CLEAR SKY RADIANCE (REFL)	0.064	0.072	0.064	0.072	0.064
(COUNTS)	16	18	16	18	16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	4	5	4	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	246.9	258.9	258.9	260.8	264.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	410.	520.	525.	535.	570.
37 CLEAR SKY TEMPERATURE (K)	295.5	295.5	297.4	296.0	295.5
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	1	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	38.29	11.35	13.28	2.43	16.15
43 AVERAGE SURFACE ALBEDO	0.16	0.20	0.16	0.19	0.16
44 CLOUD TOP TEMPERATURE (K)	246.9	258.9	258.9	254.6	264.1
45 CLOUD TOP PRESSURE (MB)	410.	520.	525.	475.	570.

Table 3. Continued.

1 MONTH/DAY	10/24	10/24	10/24	10/24	10/24
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	1	0	0	0
7 SHORE FLAG	0	1	0	0	0
8 LAND/OCEAN FLAG	0	1	0	0	0
9 TOPOGRAPHY FLAG	0	1	0	0	0
10 SNOW/ICE FLAG	0	3	0	0	0
11 CLOUD CODE	1	3	1	1	1
12 IR CLEAR SKY CODE	1	31	1	1	1
13 IR THRESHOLD CODE	5	7	5	5	5
14 CLEAR SKY FILTER FLAG	0	1	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	****	49.5	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	260.8 75	**** 255	254.6 66	258.2 71	255.3 67
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	**** 255	291.2 129	291.2 129	291.2 129
18 SOLAR GLINT FLAG	0	1	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	1	0	0	0
22 VIS BRIGHT FLAG	0	1	0	0	0
23 VIS THRESHOLD CODE	4	7	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	71.9	****	71.3	71.3	71.3
25 GOES-SOLAR AZIMUTH (DEG)	139.0	****	138.0	138.0	139.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.168 42	**** 255	0.216 54	0.224 56	0.220 55
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	**** 255	0.072 18	0.072 18	0.060 15
28 DAY/NIGHT FLAG	0	1	0	0	0
29 IR THRESHOLD CODE	5	7	5	5	5
30 VIS THRESHOLD CODE	4	7	5	5	5
31 IR RETRIEVAL CODE	0	15	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	15	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	260.8	*****	254.6	258.2	255.3
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	535.	*****	475.	510.	485.
37 CLEAR SKY TEMPERATURE (K)	295.5	*****	296.9	296.9	296.9
38 CLEAR SKY PRESSURE (MB)	1000.	*****	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	15	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	15	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	5.77	*****	33.94	38.29	28.99
43 AVERAGE SURFACE ALBEDO	0.21	*****	0.19	0.19	0.14
44 CLOUD TOP TEMPERATURE (K)	260.8	*****	254.6	258.2	255.3
45 CLOUD TOP PRESSURE (MB)	535.	*****	475.	510.	485.

Table 3. Continued.

1 MONTH/DAY	10/25	10/25	10/25	10/25	10/25
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	2	2	1	1	9
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	1	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	260.8	244.5	248.5	241.0	231.7
(COUNTS)	75	53	58	49	39
17 IR CLEAR SKY RADIANCE (K)	285.2	283.7	285.2	288.3	281.6
(COUNTS)	117	114	117	123	110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	5	4	5	5
24 SOLAR ZENITH ANGLE (DEG)	67.0	66.4	67.0	66.4	66.4
25 GOES-SOLAR AZIMUTH (DEG)	126.0	125.0	126.0	125.0	125.0
26 VIS RADIANCE (REFLECTANCE)	0.152	0.224	0.160	0.244	0.248
(COUNTS)	38	56	40	61	62
27 VIS CLEAR SKY RADIANCE (REFL)	0.076	0.076	0.076	0.076	0.068
(COUNTS)	19	19	19	19	17
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	4	5	4	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	260.8	244.5	248.5	241.0	231.7
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	555.	400.	435.	375.	300.
37 CLEAR SKY TEMPERATURE (K)	289.3	287.3	290.2	293.6	284.7
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	1	0	1	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	3.79	13.05	4.48	20.94	24.03
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	259.5	244.5	247.7	241.0	231.7
45 CLOUD TOP PRESSURE (MB)	540.	400.	425.	375.	300.

Table 3. Continued.

1	MONTH/DAY	10/25	10/25	10/25	10/25	10/25
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	1	1	1	1	1
12	IR CLEAR SKY CODE	2	1	1	9	9
13	IR THRESHOLD CODE	5	5	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16	IR RADIANCE (K)	253.1	249.3	226.5	244.5	240.1
	(COUNTS)	64	59	34	53	48
17	IR CLEAR SKY RADIANCE (K)	283.7	285.2	288.3	282.7	283.2
	(COUNTS)	114	117	123	112	113
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	4	5	4	4
24	SOLAR ZENITH ANGLE (DEG)	66.4	66.4	66.4	65.8	65.8
25	GOES-SOLAR AZIMUTH (DEG)	125.0	125.0	125.0	125.0	125.0
26	VIS RADIANCE (REFLECTANCE)	0.228	0.192	0.320	0.188	0.168
	(COUNTS)	57	48	80	47	42
27	VIS CLEAR SKY RADIANCE (REFL)	0.080	0.080	0.072	0.080	0.080
	(COUNTS)	20	20	18	20	20
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	5	5
30	VIS THRESHOLD CODE	5	4	5	4	4
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	253.1	249.3	226.5	244.5	240.1
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	480.	440.	260.	400.	370.
37	CLEAR SKY TEMPERATURE (K)	287.3	290.2	293.6	285.8	286.8
38	CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39	VIS RETRIEVAL CODE	0	0	0	0	1
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	14.00	7.33	119.59	6.22	4.57
43	AVERAGE SURFACE ALBEDO	0.17	0.17	0.15	0.17	0.17
44	CLOUD TOP TEMPERATURE (K)	253.1	249.3	226.5	244.5	238.4
45	CLOUD TOP PRESSURE (MB)	480.	440.	260.	400.	355.

Table 3. Continued.

1 MONTH/DAY	10/25	10/25	10/25	10/25	10/25
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	1	0	0
7 SHORE FLAG	0	0	1	0	0
8 LAND/OCEAN FLAG	0	0	1	0	0
9 TOPOGRAPHY FLAG	0	0	1	0	0
10 SNOW/ICE FLAG	0	0	3	0	0
11 CLOUD CODE	1	1	3	1	1
12 IR CLEAR SKY CODE	1	9	31	1	1
13 IR THRESHOLD CODE	5	5	7	5	5
14 CLEAR SKY FILTER FLAG	0	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	****	50.2	50.9
16 IR RADIANCE (K) (COUNTS)	232.7 40	228.6 36	**** 255	232.7 40	227.5 35
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	294.1 135	288.3 123	**** 255	294.1 135	294.1 135
18 SOLAR GLINT FLAG	0	0	1	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	1	0	0
21 VIS DARK FLAG	0	0	1	0	0
22 VIS BRIGHT FLAG	0	0	1	0	0
23 VIS THRESHOLD CODE	5	5	7	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.9	55.9	****	55.2	55.2
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	****	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.300 75	0.280 70	**** 255	0.468 117	0.488 122
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.116 29	0.124 31	**** 255	0.128 32	0.128 32
28 DAY/NIGHT FLAG	0	0	1	0	0
29 IR THRESHOLD CODE	5	5	7	5	5
30 VIS THRESHOLD CODE	5	5	7	5	5
31 IR RETRIEVAL CODE	0	0	15	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
33 SURFACE TEMPERATURE (K)	****	****	****	****	****
34 CLOUD TOP TEMPERATURE (K)	232.7	228.6	****	232.7	227.5
35 SURFACE PRESSURE (MB)	****	****	****	****	****
36 CLOUD TOP PRESSURE (MB)	310.	275.	****	310.	270.
37 CLEAR SKY TEMPERATURE (K)	301.4	293.6	****	301.0	301.4
38 CLEAR SKY PRESSURE (MB)	950.	950.	****	950.	950.
39 VIS RETRIEVAL CODE	0	1	15	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
41 SURFACE ALBEDO	****	****	****	****	****
42 OPTICAL DEPTH	5.88	4.76	****	44.76	62.40
43 AVERAGE SURFACE ALBEDO	0.18	0.19	****	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	232.7	226.5	****	232.7	227.5
45 CLOUD TOP PRESSURE (MB)	310.	260.	****	310.	270.

Table 3. Continued.

1 MONTH/DAY	10/25	10/25	10/25	10/25	10/25
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	1	0	0
7 SHORE FLAG	0	0	1	0	0
8 LAND/OCEAN FLAG	0	0	1	0	0
9 TOPOGRAPHY FLAG	0	0	1	0	0
10 SNOW/ICE FLAG	0	0	3	0	0
11 CLOUD CODE	1	1	3	1	1
12 IR CLEAR SKY CODE	9	1	31	1	9
13 IR THRESHOLD CODE	5	5	7	5	5
14 CLEAR SKY FILTER FLAG	0	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	****	50.2	50.2
16 IR RADIANCE (K)	228.6	231.7	****	233.8	232.7
(COUNTS)	36	39	255	41	40
17 IR CLEAR SKY RADIANCE (K)	290.2	294.1	****	294.1	290.2
(COUNTS)	127	135	255	135	127
18 SOLAR GLINT FLAG	0	0	1	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	1	0	0
21 VIS DARK FLAG	0	0	1	0	0
22 VIS BRIGHT FLAG	0	0	1	0	0
23 VIS THRESHOLD CODE	5	5	7	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.9	55.2	****	55.2	55.2
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	****	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.424	0.452	****	0.480	0.560
(COUNTS)	106	113	255	120	140
27 VIS CLEAR SKY RADIANCE (REFL)	0.128	0.132	****	0.132	0.132
(COUNTS)	32	33	255	33	33
28 DAY/NIGHT FLAG	0	0	1	0	0
29 IR THRESHOLD CODE	5	5	7	5	5
30 VIS THRESHOLD CODE	5	5	7	5	5
31 IR RETRIEVAL CODE	0	0	15	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
33 SURFACE TEMPERATURE (K)	****	****	****	****	****
34 CLOUD TOP TEMPERATURE (K)	228.6	231.7	****	233.8	232.7
35 SURFACE PRESSURE (MB)	****	****	****	****	****
36 CLOUD TOP PRESSURE (MB)	275.	300.	****	320.	310.
37 CLEAR SKY TEMPERATURE (K)	296.0	302.3	****	301.0	296.0
38 CLEAR SKY PRESSURE (MB)	950.	950.	****	950.	950.
39 VIS RETRIEVAL CODE	0	0	15	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
41 SURFACE ALBEDO	****	****	****	****	****
42 OPTICAL DEPTH	24.03	33.94	*****	54.84	114.33
43 AVERAGE SURFACE ALBEDO	0.20	0.20	*****	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	228.6	231.7	****	233.8	232.7
45 CLOUD TOP PRESSURE (MB)	275.	300.	****	320.	310.

Table 3. Continued.

1 MONTH/DAY	10/25	10/25	10/25	10/25	10/25
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16 IR RADIANCE (K) (COUNTS)	242.8 51	241.9 50	253.1 64	258.2 71	254.6 66
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	290.2 127	290.2 127	291.2 129	290.7 128	290.2 127
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	71.9	71.9	71.3	71.9	71.9
25 GOES-SOLAR AZIMUTH (DEG)	139.0	139.0	138.0	138.0	139.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.228 57	0.228 57	0.212 53	0.216 54	0.256 64
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.064 16	0.072 18	0.064 16	0.072 18	0.064 16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	242.8	241.9	253.1	258.2	254.6
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	390.	380.	480.	530.	495.
37 CLEAR SKY TEMPERATURE (K)	296.0	296.0	298.7	296.5	296.0
38 CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	43.57	42.42	29.63	39.26	101.01
43 AVERAGE SURFACE ALBEDO	0.16	0.20	0.16	0.20	0.16
44 CLOUD TOP TEMPERATURE (K)	242.8	241.9	253.1	258.2	254.6
45 CLOUD TOP PRESSURE (MB)	390.	380.	480.	530.	495.

Table 3. Continued.

1	MONTH/DAY	10/25	10/25	10/25	10/25	10/25
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	1	1	1	1	1
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	5	5	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	49.5	50.2	50.2	50.2
16	IR RADIANCE (K)	236.6	256.7	259.5	248.5	250.9
	(COUNTS)	44	69	73	58	61
17	IR CLEAR SKY RADIANCE (K)	290.2	291.2	291.2	291.2	291.2
	(COUNTS)	127	129	129	129	129
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	5	5	5	5	5
24	SOLAR ZENITH ANGLE (DEG)	71.9	71.3	71.3	71.9	71.9
25	GOES-SOLAR AZIMUTH (DEG)	139.0	138.0	139.0	139.0	139.0
26	VIS RADIANCE (REFLECTANCE)	0.224	0.208	0.244	0.260	0.240
	(COUNTS)	56	52	61	65	60
27	VIS CLEAR SKY RADIANCE (REFL)	0.076	0.072	0.072	0.072	0.060
	(COUNTS)	19	18	18	18	15
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	5	5
30	VIS THRESHOLD CODE	5	5	5	5	5
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	236.6	256.7	259.5	248.5	250.9
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	340.	515.	540.	435.	455.
37	CLEAR SKY TEMPERATURE (K)	296.0	298.3	297.4	297.4	297.4
38	CLEAR SKY PRESSURE (MB)	950.	950.	950.	950.	950.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	38.29	26.62	66.90	105.51	80.94
43	AVERAGE SURFACE ALBEDO	0.21	0.19	0.19	0.20	0.15
44	CLOUD TOP TEMPERATURE (K)	236.6	256.7	259.5	248.5	250.9
45	CLOUD TOP PRESSURE (MB)	340.	515.	540.	435.	455.

Table 3. Continued.

1 MONTH/DAY	10/26	10/26	10/26	10/26	10/26
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	2	2	2	2	9
13 IR THRESHOLD CODE	4	5	4	4	4
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	269.1 88	266.0 83	272.1 93	271.5 92	271.5 92
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	279.5 106	279.5 106	279.5 106	279.5 106	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	67.0	67.0	67.0	66.4	66.4
25 GOES-SOLAR AZIMUTH (DEG)	126.0	126.0	126.0	126.0	125.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.376 94	0.348 87	0.300 75	0.276 69	0.304 76
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	0.076 19	0.076 19	0.076 19	0.068 17
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	5	4	4	4
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	269.7	266.6	273.2	272.1	272.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	665.	615.	730.	720.	720.
37 CLEAR SKY TEMPERATURE (K)	281.6	281.6	281.1	281.6	284.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	119.59	119.59	92.02	40.26	92.02
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.16	0.14
44 CLOUD TOP TEMPERATURE (K)	269.7	266.6	273.2	272.1	272.1
45 CLOUD TOP PRESSURE (MB)	665.	615.	730.	720.	720.

Table 3. Continued.

1 MONTH/DAY	10/26	10/26	10/26	10/26	10/26
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	9	9	9	9	9
13 IR THRESHOLD CODE	3	4	4	4	4
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	276.1 100	275.0 98	272.1 93	271.5 92	272.1 93
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	281.6 110	283.7 114	283.7 114	282.7 112	283.2 113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	66.4	66.4	66.4	66.4	65.8
25 GOES-SOLAR AZIMUTH (DEG)	125.0	126.0	125.0	125.0	125.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.284 71	0.268 67	0.320 80	0.356 89	0.348 87
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.080 20	0.072 18	0.080 20	0.080 20
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	4	4	4	4
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	277.3	276.1	273.2	272.1	273.2
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	860.	785.	735.	715.	735.
37 CLEAR SKY TEMPERATURE (K)	284.7	286.8	287.3	285.8	286.8
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	53.17	31.67	119.59	119.59	114.33
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.15	0.17	0.17
44 CLOUD TOP TEMPERATURE (K)	277.3	276.1	273.2	272.1	273.2
45 CLOUD TOP PRESSURE (MB)	860.	785.	735.	715.	735.

Table 3. Continued.

1 MONTH/DAY	10/26	10/26	10/26	10/26	10/26
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	0	1	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	1	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.2	50.9	50.9
16 IR RADIANCE (K)	262.1	250.1	275.0	270.3	262.8
(COUNTS)	77	60	98	90	78
17 IR CLEAR SKY RADIANCE (K)	288.3	285.8	288.8	288.3	286.8
(COUNTS)	123	118	124	123	120
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	56.6	56.6	55.9	55.9	55.9
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.540	0.508	0.504	0.624	0.560
(COUNTS)	135	127	126	156	140
27 VIS CLEAR SKY RADIANCE (REFL)	0.112	0.124	0.120	0.124	0.124
(COUNTS)	28	31	30	31	31
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	262.1	250.1	276.1	270.9	262.8
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	555.	435.	785.	685.	560.
37 CLEAR SKY TEMPERATURE (K)	293.6	290.2	293.2	293.6	291.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	119.59	109.87	105.51	119.59	119.59
43 AVERAGE SURFACE ALBEDO	0.17	0.19	0.18	0.19	0.19
44 CLOUD TOP TEMPERATURE (K)	262.1	250.1	276.1	270.9	262.8
45 CLOUD TOP PRESSURE (MB)	555.	435.	785.	685.	560.

Table 3. Continued.

1 MONTH/DAY	10/26	10/26	10/26	10/26	10/26
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	0	1	1
12 IR CLEAR SKY CODE	1	1	9	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	271.5 92	275.6 99	275.0 98	275.0 98	273.2 95
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	288.3 123	289.3 125	291.2 129	288.3 123	289.3 125
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	55.9	55.9	55.9	55.9	55.9
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.480 120	0.560 140	0.496 124	0.516 129	0.516 129
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.128 32	0.128 32	0.112 28	0.128 32	0.128 32
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	272.1	276.7	276.1	276.1	273.8
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	720.	800.	815.	815.	760.
37 CLEAR SKY TEMPERATURE (K)	293.6	294.1	297.4	293.2	294.6
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	58.43	119.59	92.02	105.51	105.51
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	272.1	276.7	276.1	276.1	273.8
45 CLOUD TOP PRESSURE (MB)	720.	800.	815.	815.	760.

Table 3. Continued.

1 MONTH/DAY	10/26	10/26	10/26	10/26	10/26
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	1	0	1	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	273.2 95	271.5 92	270.3 90	273.2 95	269.1 88
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8 118	283.7 114	286.3 119	286.3 119	283.7 114
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	72.5	72.5	71.9	72.5	72.5
25 GOES-SOLAR AZIMUTH (DEG)	139.0	139.0	139.0	139.0	139.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.196 49	0.256 64	0.244 61	0.260 65	0.240 60
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.060 15	0.072 18	0.064 16	0.068 17	0.064 16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	273.8	272.1	270.9	273.8	269.7
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	760.	720.	695.	760.	665.
37 CLEAR SKY TEMPERATURE (K)	290.2	287.3	290.2	290.7	287.3
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	17.05	119.59	71.96	119.59	77.73
43 AVERAGE SURFACE ALBEDO	0.15	0.20	0.16	0.18	0.17
44 CLOUD TOP TEMPERATURE (K)	273.8	272.1	270.9	273.8	269.7
45 CLOUD TOP PRESSURE (MB)	760.	720.	695.	760.	665.

Table 3. Continued.

1 MONTH/DAY	10/26	10/26	10/26	10/26	10/26
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	0	0	0
12 IR CLEAR SKY CODE	1	9	9	1	1
13 IR THRESHOLD CODE	5	5	5	4	4
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	270.9 91	269.1	272.1	273.8	278.9 105
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8 118	288.3	288.3	284.7	285.8 118
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	72.5	71.9	71.9	71.9	72.5
25 GOES-SOLAR AZIMUTH (DEG)	139.0	138.0	139.0	139.0	139.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.216 54	0.220	0.224	0.244	0.220 55
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.068	0.068	0.072	0.056 14
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	4	4
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	271.5	269.7	273.2	274.4	281.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	700.	675.	735.	780.	970.
37 CLEAR SKY TEMPERATURE (K)	290.2	292.7	293.2	288.8	290.2
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	33.16	41.32	37.35	77.73	38.29
43 AVERAGE SURFACE ALBEDO	0.20	0.18	0.18	0.20	0.14
44 CLOUD TOP TEMPERATURE (K)	271.5	269.7	273.2	274.4	281.1
45 CLOUD TOP PRESSURE (MB)	700.	675.	735.	780.	970.

Table 3. Continued.

1 MONTH/DAY	10/27	10/27	10/27	10/27	10/27
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	2	2	2	2	9
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	283.2 113	283.2 113	284.2 115	284.2 115	284.2 115
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	279.5 106	279.5 106	279.5 106	279.5 106	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	2	3	3
24 SOLAR ZENITH ANGLE (DEG)	67.7	67.0	67.0	67.0	67.0
25 GOES-SOLAR AZIMUTH (DEG)	126.0	126.0	126.0	126.0	126.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.072 18	0.076 19	0.072 18	0.076 19	0.076 19
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.076 19	0.076 19	0.072 18	0.068 17
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	3	3	2	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	285.8	285.8	286.8	286.8	286.8
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	281.1	281.1	281.1	281.1	283.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.156	0.164	0.152	0.164	0.164
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.15	0.14
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/27	10/27	10/27	10/27	10/27
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GC	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	0
12	IR CLEAR SKY CODE	9	9	9	9	9
13	IR THRESHOLD CODE	2	2	2	2	2
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16	IR RADIANCE (K) (COUNTS)	284.2 115	284.2 115	284.2 115	284.7 116	284.2 115
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	281.6 110	283.7 114	283.7 114	282.7 112	283.2 113
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	2	3	2	3
24	SOLAR ZENITH ANGLE (DEG)	67.0	67.0	67.0	66.4	66.4
25	GOES-SOLAR AZIMUTH (DEG)	125.0	126.0	126.0	125.0	125.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.076 19	0.072 18	0.076 19	0.076 19	0.076 19
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	0.076 19	0.072 18	0.080 20	0.076 19
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	2	2	2	2	2
30	VIS THRESHOLD CODE	3	2	3	2	3
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	286.8	286.8	286.8	287.3	286.8
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	283.7	285.8	285.8	284.7	285.8
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.164	0.152	0.164	0.160	0.160
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.16	0.16	0.15	0.17	0.16
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/27	10/27	10/27	10/27	10/27
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	1	0	0
7 SHORE FLAG	0	0	1	0	0
8 LAND/OCEAN FLAG	0	0	1	0	0
9 TOPOGRAPHY FLAG	0	0	1	0	0
10 SNOW/ICE FLAG	0	0	3	0	0
11 CLOUD CODE	0	0	3	0	0
12 IR CLEAR SKY CODE	1	1	31	1	1
13 IR THRESHOLD CODE	2	2	7	2	2
14 CLEAR SKY FILTER FLAG	0	0	1	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	****	50.2	50.9
16 IR RADIANCE (K)	289.3	288.8	*****	288.8	288.8
(COUNTS)	125	124	255	124	124
17 IR CLEAR SKY RADIANCE (K)	288.3	285.8	*****	288.3	286.8
(COUNTS)	123	118	255	123	120
18 SOLAR GLINT FLAG	0	0	1	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	1	0	0
21 VIS DARK FLAG	0	0	1	0	0
22 VIS BRIGHT FLAG	0	0	1	0	0
23 VIS THRESHOLD CODE	2	2	7	2	2
24 SOLAR ZENITH ANGLE (DEG)	56.6	56.6	****	55.9	55.9
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	*****	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.108	0.112	*****	0.112	0.112
(COUNTS)	27	28	255	28	28
27 VIS CLEAR SKY RADIANCE (REFL)	0.112	0.124	*****	0.124	0.124
(COUNTS)	28	31	255	31	31
28 DAY/NIGHT FLAG	0	0	1	0	0
29 IR THRESHOLD CODE	2	2	7	2	2
30 VIS THRESHOLD CODE	2	2	7	2	2
31 IR RETRIEVAL CODE	0	0	15	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
33 SURFACE TEMPERATURE (K)	293.2	292.2	*****	292.2	292.2
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	*****	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	291.7	288.8	*****	291.7	290.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	*****	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	15	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
41 SURFACE ALBEDO	0.160	0.168	*****	0.168	0.168
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.20	*****	0.19	0.19
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/27	10/27	10/27	10/27	10/27
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	1	0	0
7 SHORE FLAG	0	0	1	0	0
8 LAND/OCEAN FLAG	0	0	1	0	0
9 TOPOGRAPHY FLAG	0	0	1	0	0
10 SNOW/ICE FLAG	0	0	3	0	0
11 CLOUD CODE	0	0	3	0	2
12 IR CLEAR SKY CODE	1	1	31	1	1
13 IR THRESHOLD CODE	2	3	7	2	3
14 CLEAR SKY FILTER FLAG	0	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	****	50.2	50.2
16 IR RADIANCE (K)	289.3	289.3	*****	289.3	289.3
(COUNTS)	125	125	255	125	125
17 IR CLEAR SKY RADIANCE (K)	288.3	289.3	*****	288.3	289.3
(COUNTS)	123	125	255	123	125
18 SOLAR GLINT FLAG	0	0	1	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	1	0	0
21 VIS DARK FLAG	0	0	1	0	0
22 VIS BRIGHT FLAG	0	0	1	0	0
23 VIS THRESHOLD CODE	3	2	7	2	2
24 SOLAR ZENITH ANGLE (DEG)	56.6	55.9	****	55.9	55.9
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	*****	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.124	0.112	*****	0.112	0.116
(COUNTS)	31	28	255	28	29
27 VIS CLEAR SKY RADIANCE (REFL)	0.124	0.128	*****	0.128	0.128
(COUNTS)	31	32	255	32	32
28 DAY/NIGHT FLAG	0	0	1	0	0
29 IR THRESHOLD CODE	2	3	7	2	3
30 VIS THRESHOLD CODE	3	2	7	2	2
31 IR RETRIEVAL CODE	0	0	15	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
33 SURFACE TEMPERATURE (K)	293.2	292.7	*****	293.2	293.2
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	*****	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	291.7	292.7	*****	291.7	293.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	*****	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	15	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
41 SURFACE ALBEDO	0.196	0.168	*****	0.168	0.176
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.20	0.20	*****	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	10/27	10/27	10/27	10/27	10/27
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	1	0	1	1	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.2	50.2	50.2
16 IR RADIANCE (K)	287.8	286.8	287.8	286.8	286.8
(COUNTS)	122	120	122	120	120
17 IR CLEAR SKY RADIANCE (K)	285.8	283.7	286.3	286.3	283.7
(COUNTS)	118	114	119	119	114
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	72.5	73.1	72.5	72.5	72.5
25 GOES-SOLAR AZIMUTH (DEG)	139.0	139.0	139.0	139.0	139.0
26 VIS RADIANCE (REFLECTANCE)	0.056	0.072	0.068	0.072	0.068
(COUNTS)	14	18	17	18	17
27 VIS CLEAR SKY RADIANCE (REFL)	0.060	0.068	0.060	0.068	0.064
(COUNTS)	15	17	15	17	16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	2	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	291.2	290.2	290.7	289.8	289.8
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	288.8	286.3	289.3	289.3	285.8
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.132	0.212	0.188	0.204	0.188
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.15	0.19	0.15	0.19	0.17
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/27	10/27	10/27	10/27	10/27
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	1	1	1	1
7	SHORE FLAG	0	1	1	1	1
8	LAND/OCEAN FLAG	0	1	1	1	1
9	TOPOGRAPHY FLAG	0	1	1	1	1
10	SNOW/ICE FLAG	0	3	3	3	3
11	CLOUD CODE	0	3	3	3	3
12	IR CLEAR SKY CODE	1	31	31	31	31
13	IR THRESHOLD CODE	2	7	7	7	7
14	CLEAR SKY FILTER FLAG	0	1	1	1	1
15	GOES ZENITH ANGLE (DEG)	50.2	****	****	****	****
16	IR RADIANCE (K) (COUNTS)	286.8	****	****	****	****
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8	****	****	****	****
18	SOLAR GLINT FLAG	0	1	1	1	1
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	1	1	1
21	VIS DARK FLAG	0	1	1	1	1
22	VIS BRIGHT FLAG	0	1	1	1	1
23	VIS THRESHOLD CODE	3	7	7	7	7
24	SOLAR ZENITH ANGLE (DEG)	73.1	****	****	****	****
25	GOES-SOLAR AZIMUTH (DEG)	139.0	****	****	****	****
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.072	****	****	****	****
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072	****	****	****	****
28	DAY/NIGHT FLAG	0	1	1	1	1
29	IR THRESHOLD CODE	2	7	7	7	7
30	VIS THRESHOLD CODE	3	7	7	7	7
31	IR RETRIEVAL CODE	0	15	15	15	15
32	IR CLEAR SKY RETRIEVAL CODE	0	15	15	15	15
33	SURFACE TEMPERATURE (K)	289.8	****	****	****	****
34	CLOUD TOP TEMPERATURE (K)	*****	****	****	****	****
35	SURFACE PRESSURE (MB)	1000.	****	****	****	****
36	CLOUD TOP PRESSURE (MB)	*****	****	****	****	****
37	CLEAR SKY TEMPERATURE (K)	288.8	****	****	****	****
38	CLEAR SKY PRESSURE (MB)	1000.	****	****	****	****
39	VIS RETRIEVAL CODE	0	15	15	15	15
40	VIS CLEAR SKY RETRIEVAL CODE	0	15	15	15	15
41	SURFACE ALBEDO	0.216	****	****	****	****
42	OPTICAL DEPTH	*****	****	****	****	****
43	AVERAGE SURFACE ALBEDO	0.22	****	****	****	****
44	CLOUD TOP TEMPERATURE (K)	*****	****	****	****	****
45	CLOUD TOP PRESSURE (MB)	*****	****	****	****	****

Table 3. Continued.

1 MONTH/DAY	10/28	10/28	10/28	10/28	10/28
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	0	3	1
12 IR CLEAR SKY CODE	2	2	2	2	9
13 IR THRESHOLD CODE	5	5	2	4	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	259.5 73	259.5 73	282.2 111	272.1 93	264.1 80
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	279.5 106	279.5 106	279.5 106	279.5 106	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	67.7	67.0	67.7	67.0	67.0
25 GOES-SOLAR AZIMUTH (DEG)	126.0	126.0	126.0	126.0	126.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.124 31	0.116 29	0.088 22	0.104 26	0.104 26
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.076 19	0.072 18	0.072 18	0.068 17
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	2	4	5
30 VIS THRESHOLD CODE	3	3	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	284.2	*****	*****
34 CLOUD TOP TEMPERATURE (K)	259.5	259.5	*****	272.1	264.1
35 SURFACE PRESSURE (MB)	*****	*****	950.	*****	*****
36 CLOUD TOP PRESSURE (MB)	530.	530.	*****	695.	580.
37 CLEAR SKY TEMPERATURE (K)	280.0	280.0	280.5	280.0	282.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	1	1	0	1	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	0.208	*****	*****
42 OPTICAL DEPTH	2.49	1.89	*****	1.32	1.47
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.15	0.14
44 CLOUD TOP TEMPERATURE (K)	256.0	252.4	*****	267.8	254.6
45 CLOUD TOP PRESSURE (MB)	500.	470.	*****	635.	490.

Table 3. Continued.

1 MONTH/DAY	10/28	10/28	10/28	10/28	10/28
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GC	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	1	0	0
7 SHORE FLAG	0	0	1	0	0
8 LAND/OCEAN FLAG	0	0	1	0	0
9 TOPOGRAPHY FLAG	0	0	1	0	0
10 SNOW/ICE FLAG	0	0	3	0	0
11 CLOUD CODE	1	1	3	1	1
12 IR CLEAR SKY CODE	9	9	31	9	9
13 IR THRESHOLD CODE	5	5	7	5	5
14 CLEAR SKY FILTER FLAG	0	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	****	50.2	50.2
16 IR RADIANCE (K)	262.8	262.8	****	261.5	264.7
(COUNTS)	78	78	255	76	81
17 IR CLEAR SKY RADIANCE (K)	281.6	283.7	****	282.7	283.2
(COUNTS)	110	114	255	112	113
18 SOLAR GLINT FLAG	0	0	1	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	1	0	0
21 VIS DARK FLAG	0	0	1	0	0
22 VIS BRIGHT FLAG	0	0	1	0	0
23 VIS THRESHOLD CODE	3	3	7	3	3
24 SOLAR ZENITH ANGLE (DEG)	67.0	67.0	****	67.0	66.4
25 GOES-SOLAR AZIMUTH (DEG)	125.0	126.0	****	125.0	125.0
26 VIS RADIANCE (REFLECTANCE)	0.116	0.112	****	0.124	0.132
(COUNTS)	29	28	255	31	33
27 VIS CLEAR SKY RADIANCE (REFL)	0.076	0.076	****	0.076	0.076
(COUNTS)	19	19	255	19	19
28 DAY/NIGHT FLAG	0	0	1	0	0
29 IR THRESHOLD CODE	5	5	7	5	5
30 VIS THRESHOLD CODE	3	3	7	3	3
31 IR RETRIEVAL CODE	0	0	15	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	262.8	262.8	*****	261.5	264.7
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	560.	580.	*****	550.	590.
37 CLEAR SKY TEMPERATURE (K)	282.7	285.8	*****	284.2	284.7
38 CLEAR SKY PRESSURE (MB)	1000.	950.	*****	1000.	1000.
39 VIS RETRIEVAL CODE	1	1	15	1	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	15	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	1.89	1.62	*****	2.36	2.62
43 AVERAGE SURFACE ALBEDO	0.16	0.16	*****	0.16	0.16
44 CLOUD TOP TEMPERATURE (K)	256.7	253.1	*****	256.7	261.5
45 CLOUD TOP PRESSURE (MB)	505.	485.	*****	510.	550.

Table 3. Continued.

1 MONTH/DAY	10/28	10/28	10/28	10/28	10/28
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	1	0	3	0
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	5	2	5	3
14 CLEAR SKY FILTER FLAG	0	0	0	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	286.3 119	267.2 85	291.7 130	273.8 96	286.3 119
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	288.3 123	285.8 118	288.8 124	288.3 123	286.8 120
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	5	2	3	3
24 SOLAR ZENITH ANGLE (DEG)	57.3	57.3	56.6	56.6	56.6
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.116 29	0.280 70	0.108 27	0.124 31	0.160 40
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.112 28	0.120 30	0.116 29	0.124 31	0.124 31
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	5	2	5	3
30 VIS THRESHOLD CODE	3	5	2	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	288.8	*****	296.0	*****	288.8
34 CLOUD TOP TEMPERATURE (K)	*****	267.2	*****	274.4	*****
35 SURFACE PRESSURE (MB)	1000.	*****	950.	*****	1000.
36 CLOUD TOP PRESSURE (MB)	*****	625.	*****	725.	*****
37 CLEAR SKY TEMPERATURE (K)	291.2	288.3	292.2	291.2	289.3
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	0	1	0	3	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.180	*****	0.160	*****	0.272
42 OPTICAL DEPTH	*****	5.25	*****	0.37	*****
43 AVERAGE SURFACE ALBEDO	0.17	0.19	0.18	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	267.2	*****	206.2	*****
45 CLOUD TOP PRESSURE (MB)	*****	620.	*****	85.	*****

Table 3. Continued.

1 MONTH/DAY	10/28	10/28	10/28	10/28	10/28
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	0	1	1	2
12 IR CLEAR SKY CODE	1	1	9	1	1
13 IR THRESHOLD CODE	5	2	3	4	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	269.7 89	291.7 130	286.8 120	278.9 105	287.3 121
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	288.3 123	289.3 125	291.2 129	288.3 123	289.3 125
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	2	3	4	2
24 SOLAR ZENITH ANGLE (DEG)	56.6	55.9	55.9	56.6	56.6
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.136 34	0.116 29	0.120 30	0.192 48	0.124 31
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.124 31	0.128 32	0.112 28	0.128 32	0.128 32
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	2	3	4	3
30 VIS THRESHOLD CODE	3	2	3	4	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	296.0	289.3	*****	290.2
34 CLOUD TOP TEMPERATURE (K)	269.7	*****	*****	280.0	*****
35 SURFACE PRESSURE (MB)	*****	950.	1000.	*****	1000.
36 CLOUD TOP PRESSURE (MB)	660.	*****	*****	820.	*****
37 CLEAR SKY TEMPERATURE (K)	291.2	293.2	295.0	291.2	292.2
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	3	0	0	1	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	0.176	0.184	*****	0.196
42 OPTICAL DEPTH	0.50	*****	*****	1.78	*****
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	206.2	*****	*****	275.6	*****
45 CLOUD TOP PRESSURE (MB)	85.	*****	*****	760.	*****

Table 3. Continued.

1 MONTH/DAY	10/28	10/28	10/28	10/28	10/28
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	2	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	5	5	5	3	5
14 CLEAR SKY FILTER FLAG	1	0	1	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	256.7 69	266.0 83	248.5 58	283.2 113	266.0 83
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8 118	283.7 114	286.3 119	286.3 119	283.7 114
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	3	3	2	3
24 SOLAR ZENITH ANGLE (DEG)	72.5	73.1	72.5	72.5	73.1
25 GOES-SOLAR AZIMUTH (DEG)	139.0	140.0	139.0	139.0	140.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.104 26	0.076 19	0.080 20	0.064 16	0.108 27
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.060 15	0.068 17	0.060 15	0.068 17	0.060 15
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	3	5
30 VIS THRESHOLD CODE	3	3	3	2	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	284.7	*****
34 CLOUD TOP TEMPERATURE (K)	256.7	266.0	248.5	*****	266.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	1000.	*****
36 CLOUD TOP PRESSURE (MB)	505.	605.	440.	*****	605.
37 CLEAR SKY TEMPERATURE (K)	288.3	285.2	289.3	288.8	285.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	950.	1000.	1000.
39 VIS RETRIEVAL CODE	1	3	3	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	0.168	*****
42 OPTICAL DEPTH	1.22	0.50	1.22	*****	1.52
43 AVERAGE SURFACE ALBEDO	0.15	0.19	0.15	0.19	0.16
44 CLOUD TOP TEMPERATURE (K)	232.7	206.2	206.2	*****	256.7
45 CLOUD TOP PRESSURE (MB)	325.	85.	85.	*****	510.

Table 3. Continued.

1 MONTH/DAY	10/28	10/28	10/28	10/28	10/28
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	0	1	1	0
12 IR CLEAR SKY CODE	1	9	9	1	1
13 IR THRESHOLD CODE	4	4	5	5	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.2	49.5	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	276.1 100	281.1 109	273.2 95	265.4 82	286.8 120
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8 118	288.3 123	288.3 123	284.7 116	285.8 118
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	3	3	3	2
24 SOLAR ZENITH ANGLE (DEG)	73.1	71.9	72.5	72.5	72.5
25 GOES-SOLAR AZIMUTH (DEG)	140.0	139.0	139.0	140.0	140.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.064 16	0.072 18	0.076 19	0.100 25	0.048 12
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.068 17	0.064 16	0.068 17	0.056 14
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	4	5	5	2
30 VIS THRESHOLD CODE	2	3	3	3	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	289.3
34 CLOUD TOP TEMPERATURE (K)	276.7	282.7	273.8	265.4	*****
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	1000.
36 CLOUD TOP PRESSURE (MB)	765.	920.	715.	600.	*****
37 CLEAR SKY TEMPERATURE (K)	287.8	291.7	291.2	286.8	287.8
38 CLEAR SKY PRESSURE (MB)	1000.	950.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	6	6	3	1	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	0.104
42 OPTICAL DEPTH	0.27	0.19	0.40	0.72	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.18	0.17	0.18	0.14
44 CLOUD TOP TEMPERATURE (K)	206.2	206.2	206.2	229.6	*****
45 CLOUD TOP PRESSURE (MB)	85.	85.	85.	295.	*****

Table 3. Continued.

1 MONTH/DAY	10/29	10/29	10/29	10/29	10/29
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	1	2	0
12 IR CLEAR SKY CODE	2	2	2	2	9
13 IR THRESHOLD CODE	4	4	4	4	4
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	272.7 94	272.7 94	272.7 94	272.7 94	271.5 92
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	279.5 106	279.5 106	279.5 106	279.5 106	281.6 110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	68.3	67.7	68.3	67.7	67.7
25 GOES-SOLAR AZIMUTH (DEG)	126.0	126.0	126.0	126.0	126.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.260 65	0.260 65	0.260 65	0.248 62	0.284 71
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.072 18	0.072 18	0.072 18	0.064 16
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	4	4	4	4
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	274.4	274.4	274.4	274.4	272.7
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	865.	865.	880.	865.	835.
37 CLEAR SKY TEMPERATURE (K)	282.7	282.7	282.7	282.7	285.8
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	69.36	53.17	71.96	37.35	80.94
43 AVERAGE SURFACE ALBEDO	0.16	0.16	0.16	0.16	0.13
44 CLOUD TOP TEMPERATURE (K)	274.4	274.4	274.4	274.4	272.7
45 CLOUD TOP PRESSURE (MB)	865.	865.	880.	865.	835.

Table 3. Continued.

1 MONTH/DAY	10/29	10/29	10/29	10/29	10/29
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GC	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	9	9	9	9	9
13 IR THRESHOLD CODE	4	4	4	4	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.9	50.9
16 IR RADIANCE (K)	271.5	273.2	273.2	272.7	278.4
(COUNTS)	92	95	95	94	104
17 IR CLEAR SKY RADIANCE (K)	281.6	283.7	283.7	282.7	283.2
(COUNTS)	110	114	114	112	113
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	5	4	5	4
24 SOLAR ZENITH ANGLE (DEG)	67.7	67.7	67.7	67.0	67.0
25 GOES-SOLAR AZIMUTH (DEG)	126.0	126.0	126.0	126.0	125.0
26 VIS RADIANCE (REFLECTANCE)	0.192	0.268	0.180	0.252	0.172
(COUNTS)	48	67	45	63	43
27 VIS CLEAR SKY RADIANCE (REFL)	0.076	0.076	0.068	0.076	0.076
(COUNTS)	19	19	17	19	19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	4	4	4	3
30 VIS THRESHOLD CODE	4	5	4	5	4
31 IR RETRIEVAL CODE	0	0	0	0	7
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	272.7	275.0	275.0	274.4	281.1
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	835.	890.	875.	865.	1000.
37 CLEAR SKY TEMPERATURE (K)	285.8	287.8	288.3	287.3	287.8
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	8.44	66.90	6.94	32.40	5.05
43 AVERAGE SURFACE ALBEDO	0.17	0.17	0.14	0.16	0.16
44 CLOUD TOP TEMPERATURE (K)	272.7	275.0	275.0	274.4	278.4
45 CLOUD TOP PRESSURE (MB)	835.	890.	875.	865.	1000.

Table 3. Continued.

1 MONTH/DAY	10/29	10/29	10/29	10/29	10/29
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4 LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	0	1	3	1
12 IR CLEAR SKY CODE	1	1	1	1	1
13 IR THRESHOLD CODE	3	3	4	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	1	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	285.2 117	285.2 117	281.1 109	273.8 96	272.7 94
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	288.3 123	285.8 118	288.8 124	288.3 123	286.8 120
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	57.3	57.3	56.6	56.6	57.3
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.144 36	0.260 65	0.260 65	0.348 87	0.364 91
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.112 28	0.120 30	0.116 29	0.124 31	0.120 30
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	4	5	5
30 VIS THRESHOLD CODE	3	5	5	5	5
31 IR RETRIEVAL CODE	0	7	7	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	290.7	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	*****	290.7	284.7	275.6	274.4
35 SURFACE PRESSURE (MB)	1000.	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	*****	1000.	1000.	890.	865.
37 CLEAR SKY TEMPERATURE (K)	294.6	291.2	294.6	294.6	292.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	1	1	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.240	*****	*****	*****	*****
42 OPTICAL DEPTH	*****	4.22	4.22	9.54	13.05
43 AVERAGE SURFACE ALBEDO	0.17	0.19	0.18	0.20	0.19
44 CLOUD TOP TEMPERATURE (K)	*****	285.2	281.1	275.6	274.4
45 CLOUD TOP PRESSURE (MB)	*****	1000.	1000.	890.	865.

Table 3. Continued.

1 MONTH/DAY	10/29	10/29	10/29	10/29	10/29
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4 LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	1	1	0	1
12 IR CLEAR SKY CODE	1	1	9	1	1
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	272.7	273.2	272.7	272.7	273.2
(COUNTS)	94	95	94	94	95
17 IR CLEAR SKY RADIANCE (K)	288.3	289.3	291.2	288.3	289.3
(COUNTS)	123	125	129	123	125
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	1	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	5	5	5
24 SOLAR ZENITH ANGLE (DEG)	57.3	56.6	56.6	56.6	56.6
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.480	0.396	0.380	0.424	0.392
(COUNTS)	120	99	95	106	98
27 VIS CLEAR SKY RADIANCE (REFL)	0.124	0.128	0.112	0.128	0.128
(COUNTS)	31	32	28	32	32
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	5	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	274.4	275.0	274.4	274.4	275.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	865.	890.	865.	865.	875.
37 CLEAR SKY TEMPERATURE (K)	294.6	295.0	298.3	294.6	296.0
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	77.73	17.36	14.77	26.07	16.44
43 AVERAGE SURFACE ALBEDO	0.20	0.20	0.17	0.20	0.20
44 CLOUD TOP TEMPERATURE (K)	274.4	275.0	274.4	274.4	275.0
45 CLOUD TOP PRESSURE (MB)	865.	890.	865.	865.	875.

Table 3. Continued.

1	MONTH/DAY	10/29	10/29	10/29	10/29	10/29
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.8	43.8	43.3	43.3	43.3
4	LONGITUDE (DEG +E)	-89.8	-89.5	-90.3	-89.9	-89.5
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	2	0
12	IR CLEAR SKY CODE	1	1	1	1	1
13	IR THRESHOLD CODE	3	2	3	3	2
14	CLEAR SKY FILTER FLAG	1	0	1	1	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16	IR RADIANCE (K) (COUNTS)	284.7 116	284.2 115	285.2 117	284.7 116	284.7 116
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8 118	283.7 114	286.3 119	286.3 119	283.7 114
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	3	3	3	3
24	SOLAR ZENITH ANGLE (DEG)	73.1	73.1	72.5	72.5	73.1
25	GOES-SOLAR AZIMUTH (DEG)	140.0	140.0	139.0	139.0	140.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.060 15	0.068 17	0.068 17	0.072 18	0.076 19
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.060 15	0.068 17	0.060 15	0.068 17	0.060 15
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	3	2	3	3	2
30	VIS THRESHOLD CODE	3	3	3	3	3
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	289.8	289.3	289.8	289.8	289.8
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	291.2	288.3	291.2	291.7	288.3
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.160	0.192	0.188	0.204	0.228
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.16	0.19	0.15	0.18	0.16
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	10/29	10/29	10/29	10/29	10/29
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	42.9	42.9	42.9	43.0
4	LONGITUDE (DEG +E)	-89.2	-90.3	-90.0	-89.6	-89.2
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	0
12	IR CLEAR SKY CODE	1	9	9	1	1
13	IR THRESHOLD CODE	3	3	3	3	3
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	283.2 113	284.7 116	284.7 116	284.2 115	282.7 112
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	285.8 118	288.3 123	288.3 123	284.7 116	285.8 118
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	1	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	3	3	3	3
24	SOLAR ZENITH ANGLE (DEG)	73.1	72.5	72.5	72.5	73.1
25	GOES-SOLAR AZIMUTH (DEG)	140.0	139.0	139.0	140.0	140.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.072 18	0.068 17	0.072 18	0.072 18	0.096 24
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.072 18	0.064 16	0.064 16	0.068 17	0.056 14
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	3	3	3	3	3
30	VIS THRESHOLD CODE	3	3	3	3	3
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	287.8	289.3	289.8	289.3	286.8
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	291.2	293.6	294.6	289.8	291.2
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.212	0.188	0.204	0.200	0.316
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.21	0.17	0.17	0.18	0.14
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	11/ 1	11/ 1	11/ 1	11/ 1	11/ 1
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.4	43.4	43.4
4 LONGITUDE (DEG +E)	-90.0	-89.6	-90.4	-90.0	-89.7
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	1	10	11	11
13 IR THRESHOLD CODE	5	5	5	5	4
14 CLEAR SKY FILTER FLAG	0	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K) (COUNTS)	256.7 69	253.9 65	254.6 66	257.5 70	260.2 74
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	272.1 93	272.1 93	272.7 94	271.5 92	272.1 93
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	5	5	4	3
24 SOLAR ZENITH ANGLE (DEG)	68.9	68.9	68.9	68.9	68.9
25 GOES-SOLAR AZIMUTH (DEG)	127.0	127.0	127.0	127.0	127.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.180 45	0.224 56	0.228 57	0.180 45	0.136 34
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.084 21	0.088 22	0.084 21	0.084 21	0.088 22
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	4
30 VIS THRESHOLD CODE	4	5	5	4	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	1	1	1	1	1
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	256.7	253.9	254.6	257.5	260.2
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	495.	470.	475.	505.	530.
37 CLEAR SKY TEMPERATURE (K)	273.8	273.8	274.4	273.2	273.8
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	8.01	28.37	33.94	8.44	3.10
43 AVERAGE SURFACE ALBEDO	0.21	0.22	0.21	0.21	0.22
44 CLOUD TOP TEMPERATURE (K)	256.7	253.9	254.6	257.5	258.9
45 CLOUD TOP PRESSURE (MB)	495.	470.	475.	505.	520.

Table 3. Continued.

1 MONTH/DAY	11/ 1	11/ 1	11/ 1	11/ 1	11/ 1
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.4	43.0	43.0	43.0	43.0
4 LONGITUDE (DEG +E)	-89.3	-90.5	-90.1	-89.8	-89.4
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	11	10	10	10	10
13 IR THRESHOLD CODE	4	5	5	4	5
14 CLEAR SKY FILTER FLAG	0	1	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.9
16 IR RADIANCE (K) (COUNTS)	265.4 82	253.9 65	256.7 69	260.2 74	256.0 68
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	272.7 94	273.2 95	271.5 92	272.1 93	273.2 95
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	5	4	4	4
24 SOLAR ZENITH ANGLE (DEG)	68.3	68.3	68.3	68.3	68.3
25 GOES-SOLAR AZIMUTH (DEG)	126.0	127.0	127.0	127.0	126.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.176 44	0.208 52	0.192 48	0.184 46	0.192 48
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.088 22	0.076 19	0.088 22	0.088 22	0.092 23
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	4	5	5	4	5
30 VIS THRESHOLD CODE	4	5	4	4	4
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	1	1	1	1	1
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	265.4	253.9	256.7	260.2	256.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	595.	470.	495.	530.	490.
37 CLEAR SKY TEMPERATURE (K)	274.4	275.0	273.2	273.8	275.0
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	6.82	16.44	10.23	8.30	10.05
43 AVERAGE SURFACE ALBEDO	0.22	0.18	0.22	0.22	0.23
44 CLOUD TOP TEMPERATURE (K)	265.4	253.9	256.7	260.2	256.0
45 CLOUD TOP PRESSURE (MB)	595.	470	495.	530.	490.

Table 3. Continued.

1 MONTH/DAY	11/ 1	11/ 1	11/ 1	11/ 1	11/ 1
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.4	43.4	43.4
4 LONGITUDE (DEG +E)	-90.0	-89.6	-90.4	-90.0	-89.7
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	1	1	0
12 IR CLEAR SKY CODE	10	1	10	10	1
13 IR THRESHOLD CODE	3	3	5	4	3
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	276.1	279.5	263.4	269.7	280.5
(COUNTS)	100	106	79	89	108
17 IR CLEAR SKY RADIANCE (K)	278.9	281.6	278.9	278.9	281.6
(COUNTS)	105	110	105	105	110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	5	3	2
24 SOLAR ZENITH ANGLE (DEG)	58.7	58.7	58.0	58.0	58.7
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.120	0.116	0.268	0.148	0.116
(COUNTS)	30	29	67	37	29
27 VIS CLEAR SKY RADIANCE (REFL)	0.124	0.124	0.132	0.136	0.120
(COUNTS)	31	31	33	34	30
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	3	3	5	4	3
30 VIS THRESHOLD CODE	2	2	5	3	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	276.1	280.5	*****	*****	281.6
34 CLOUD TOP TEMPERATURE (K)	*****	*****	263.4	270.3	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	*****	*****	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	560.	660.	*****
37 CLEAR SKY TEMPERATURE (K)	279.5	282.7	279.5	279.5	282.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	1	1	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.200	0.188	*****	*****	0.192
42 OPTICAL DEPTH	*****	*****	4.67	0.37	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.21	0.22	0.23	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	*****	262.8	233.8	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	555.	330.	*****

Table 3. Continued.

1 MONTH/DAY	11/ 1	11/ 1	11/ 1	11/ 1	11/ 1
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	43.0	43.0	43.0	43.0
4 LONGITUDE (DEG +E)	-89.3	-90.5	-90.1	-89.8	-89.4
5 GOES GROUND LOCATION	DD	GC	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	1	1	1	1	1
12 IR CLEAR SKY CODE	1	10	10	10	10
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.9
16 IR RADIANCE (K)	264.1	258.9	259.5	258.2	256.0
	(COUNTS)	80	72	73	71
17 IR CLEAR SKY RADIANCE (K)	281.6	278.9	278.9	279.5	279.5
	(COUNTS)	110	105	105	106
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	5	5	4	5	5
24 SOLAR ZENITH ANGLE (DEG)	58.7	58.0	58.0	58.0	58.0
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.352	0.300	0.244	0.268	0.324
	(COUNTS)	88	75	61	67
27 VIS CLEAR SKY RADIANCE (REFL)	0.144	0.136	0.132	0.140	0.140
	(COUNTS)	36	34	33	35
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	5	5	4	5	5
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	264.1	258.9	259.5	258.2	256.0
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	570.	515.	525.	510.	490.
37 CLEAR SKY TEMPERATURE (K)	282.7	279.5	279.5	280.5	280.5
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	1	1	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	13.28	6.82	3.71	4.57	8.44
43 AVERAGE SURFACE ALBEDO	0.25	0.23	0.22	0.24	0.24
44 CLOUD TOP TEMPERATURE (K)	264.1	258.9	258.2	257.5	256.0
45 CLOUD TOP PRESSURE (MB)	570.	515.	510.	505.	490.

Table 3. Continued.

1	MONTH/DAY	11/ 1	11/ 1	11/ 1	11/ 1	11/ 1
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.8	43.8	43.4	43.4	43.4
4	LONGITUDE (DEG +E)	-90.0	-89.6	-90.4	-90.0	-89.7
5	GOES GROUND LOCATION	V	W	AA	BB	CC
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	1	1	1	1	1
12	IR CLEAR SKY CODE	10	10	10	10	10
13	IR THRESHOLD CODE	5	5	5	5	5
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	51.7	50.9	50.9	50.9
16	IR RADIANCE (K) (COUNTS)	233.8 41	236.6 44	243.7 52	252.4 63	254.6 66
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	272.7 94	272.7 94	275.0 98	275.0 98	275.0 98
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	4	4	4	4	4
24	SOLAR ZENITH ANGLE (DEG)	74.3	74.3	73.1	73.7	73.7
25	GOES-SOLAR AZIMUTH (DEG)	140.0	140.0	140.0	140.0	140.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.168 42	0.156 39	0.168 42	0.168 42	0.156 39
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.076 19	0.072 18	0.080 20	0.076 19	0.080 20
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	5	5	5	5
30	VIS THRESHOLD CODE	4	4	4	4	4
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	1	1	1	1	1
33	SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34	CLOUD TOP TEMPERATURE (K)	233.8	236.6	243.7	252.4	254.6
35	SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36	CLOUD TOP PRESSURE (MB)	330.	350.	395.	455.	475.
37	CLEAR SKY TEMPERATURE (K)	274.4	274.4	276.7	276.7	276.7
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	*****	*****	*****
42	OPTICAL DEPTH	24.52	11.16	10.59	16.44	8.59
43	AVERAGE SURFACE ALBEDO	0.25	0.23	0.25	0.24	0.26
44	CLOUD TOP TEMPERATURE (K)	233.8	236.6	243.7	252.4	254.6
45	CLOUD TOP PRESSURE (MB)	330.	350.	395.	455.	475.

Table 3. Continued.

1 MONTH/DAY	11 / 1	11 / 1	11 / 1	11 / 1	11 / 1
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.4	43.0	43.0	43.0	43.0
4 LONGITUDE (DEG +E)	-89.3	-90.5	-90.1	-89.8	-89.4
5 GOES GROUND LOCATION	DD	GG	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	2	1	1	1	1
12 IR CLEAR SKY CODE	10	10	10	10	10
13 IR THRESHOLD CODE	5	5	5	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K) (COUNTS)	255.3 67	258.2	256.0	256.7	258.9 72
17 IR CLEAR SKY RADIANCE (K) (COUNTS)	275.0 98	275.0	275.0	275.0	275.0 98
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	4	4	5	4	4
24 SOLAR ZENITH ANGLE (DEG)	74.3	73.1	73.7	73.7	73.7
25 GOES-SOLAR AZIMUTH (DEG)	140.0	139.0	140.0	140.0	140.0
26 VIS RADIANCE (REFLECTANCE) (COUNTS)	0.176 44	0.160	0.192	0.148	0.136 34
27 VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.072	0.072	0.080	0.072 18
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	5	5	5
30 VIS THRESHOLD CODE	4	4	5	4	4
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	1	1	1	1	1
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	255.3	258.2	256.0	256.7	258.9
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	480.	510.	490.	495.	515.
37 CLEAR SKY TEMPERATURE (K)	276.7	276.7	276.7	276.7	276.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	1
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	42.42	10.41	54.84	6.69	4.30
43 AVERAGE SURFACE ALBEDO	0.27	0.22	0.22	0.26	0.22
44 CLOUD TOP TEMPERATURE (K)	255.3	258.2	256.0	256.7	258.2
45 CLOUD TOP PRESSURE (MB)	480.	510.	490.	495.	510.

Table 3. Continued.

	11/ 2	11/ 2	11/ 2	11/ 2	11/ 2
1 MONTH/DAY					
2 HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3 LATITUDE (DEG +N)	43.8	43.8	43.4	43.4	43.4
4 LONGITUDE (DEG +E)	-90.0	-89.6	-90.4	-90.0	-89.7
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	1	1	10	11	11
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	1	0	0
15 GOES ZENITH ANGLE (DEG)	51.7	51.7	50.9	50.9	50.9
16 IR RADIANCE (K)	273.8	273.8	273.8	275.0	275.6
(COUNTS)	96	96	96	98	99
17 IR CLEAR SKY RADIANCE (K)	272.1	272.1	272.7	271.5	272.1
(COUNTS)	93	93	94	92	93
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	2	2
24 SOLAR ZENITH ANGLE (DEG)	69.5	68.9	69.5	68.9	68.9
25 GOES-SOLAR AZIMUTH (DEG)	127.0	127.0	127.0	127.0	127.0
26 VIS RADIANCE (REFLECTANCE)	0.072	0.076	0.076	0.072	0.076
(COUNTS)	18	19	19	18	19
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.088	0.080	0.084	0.088
(COUNTS)	20	22	20	21	22
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	2	2	2	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	275.0	275.0	274.4	276.1	277.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	272.7	272.7	272.7	272.1	272.7
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.172	0.180	0.188	0.168	0.184
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.20	0.22	0.20	0.21	0.22
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1	MONTH/DAY	11/ 2	11/ 2	11/ 2	11/ 2	11/ 2
2	HOUR:MIN (GMT)	15:04	15:04	15:04	15:04	15:04
3	LATITUDE (DEG +N)	43.4	43.0	43.0	43.0	43.0
4	LONGITUDE (DEG +E)	-89.3	-90.5	-90.1	-89.8	-89.4
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	0	0	0	0	0
12	IR CLEAR SKY CODE	11	10	10	10	10
13	IR THRESHOLD CODE	2	2	2	2	2
14	CLEAR SKY FILTER FLAG	0	1	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.9
16	IR RADIANCE (K)	275.0	273.8	275.0	275.0	275.0
	(COUNTS)	98	96	98	98	98
17	IR CLEAR SKY RADIANCE (K)	272.7	273.2	271.5	272.1	273.2
	(COUNTS)	94	95	92	93	95
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	2	3	2	2	2
24	SOLAR ZENITH ANGLE (DEG)	68.9	68.9	68.9	68.3	68.3
25	GOES-SOLAR AZIMUTH (DEG)	127.0	127.0	127.0	127.0	126.0
26	VIS RADIANCE (REFLECTANCE)	0.080	0.072	0.076	0.076	0.080
	(COUNTS)	20	18	19	19	20
27	VIS CLEAR SKY RADIANCE (REFL)	0.088	0.072	0.088	0.088	0.092
	(COUNTS)	22	18	22	22	23
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	2	2	2	2	2
30	VIS THRESHOLD CODE	2	3	2	2	2
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	276.1	274.4	276.1	276.1	276.1
34	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35	SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	273.8	273.8	272.1	272.7	273.8
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	0	0	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	0.196	0.168	0.184	0.176	0.192
42	OPTICAL DEPTH	*****	*****	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.22	0.17	0.22	0.22	0.23
44	CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

	11/ 2	11/ 2	11/ 2	11/ 2	11/ 2
1 MONTH/DAY					
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.8	43.8	43.4	43.4	43.4
4 LONGITUDE (DEG +E)	-90.0	-89.6	-90.4	-90.0	-89.7
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	10	1	10	10	1
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.9
16 IR RADIANCE (K)	282.2	282.2	283.7	283.7	283.7
(COUNTS)	111	111	114	114	114
17 IR CLEAR SKY RADIANCE (K)	278.9	281.6	278.9	278.9	281.6
(COUNTS)	105	110	105	105	110
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	2	3
24 SOLAR ZENITH ANGLE (DEG)	58.7	58.7	58.0	58.0	58.0
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.120	0.116	0.116	0.120	0.128
(COUNTS)	30	29	29	30	32
27 VIS CLEAR SKY RADIANCE (REFL)	0.124	0.124	0.132	0.136	0.124
(COUNTS)	31	31	33	34	31
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	2	2	2	2	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	285.2	285.2	286.3	286.8	286.8
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	281.1	284.2	280.5	281.1	284.2
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.200	0.192	0.188	0.196	0.212
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.21	0.21	0.22	0.23	0.20
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

	11/ 2	11/ 2	11/ 2	11/ 2	11/ 2
1 MONTH/DAY					
2 HOUR:MIN (GMT)	18:04	18:04	18:04	18:04	18:04
3 LATITUDE (DEG +N)	43.4	43.0	43.0	43.0	43.0
4 LONGITUDE (DEG +E)	-89.3	-90.5	-90.1	-89.8	-89.4
5 GOES GROUND LOCATION	DD	GC	HH	II	JJ
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	0	0	0	0	0
12 IR CLEAR SKY CODE	1	10	10	10	10
13 IR THRESHOLD CODE	2	2	2	2	2
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.2	50.2	50.2	50.2
16 IR RADIANCE (K)	283.2	284.2	284.2	284.2	284.2
(COUNTS)	113	115	115	115	115
17 IR CLEAR SKY RADIANCE (K)	281.6	278.9	278.9	279.5	279.5
(COUNTS)	110	105	105	106	106
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	2	2	2	2	2
24 SOLAR ZENITH ANGLE (DEG)	58.7	58.0	58.0	58.0	58.0
25 GOES-SOLAR AZIMUTH (DEG)	174.0	174.0	174.0	174.0	174.0
26 VIS RADIANCE (REFLECTANCE)	0.136	0.120	0.116	0.124	0.132
(COUNTS)	34	30	29	31	33
27 VIS CLEAR SKY RADIANCE (REFL)	0.144	0.136	0.132	0.140	0.140
(COUNTS)	36	34	33	35	35
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	2	2	2	2	2
30 VIS THRESHOLD CODE	2	2	2	2	2
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	286.3	286.8	287.3	287.3	287.3
34 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
35 SURFACE PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
36 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****
37 CLEAR SKY TEMPERATURE (K)	284.2	280.5	281.1	281.6	281.6
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	0	0	0	0	0
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	0.236	0.196	0.188	0.204	0.224
42 OPTICAL DEPTH	*****	*****	*****	*****	*****
43 AVERAGE SURFACE ALBEDO	0.25	0.23	0.22	0.24	0.24
44 CLOUD TOP TEMPERATURE (K)	*****	*****	*****	*****	*****
45 CLOUD TOP PRESSURE (MB)	*****	*****	*****	*****	*****

Table 3. Continued.

1 MONTH/DAY	11/ 2	11/ 2	11/ 2	11/ 2	11/ 2
2 HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3 LATITUDE (DEG +N)	43.8	43.8	43.4	43.4	43.4
4 LONGITUDE (DEG +E)	-90.0	-89.6	-90.4	-90.0	-89.7
5 GOES GROUND LOCATION	V	W	AA	BB	CC
6 DAY/NIGHT FLAG	0	0	0	0	0
7 SHORE FLAG	0	0	0	0	0
8 LAND/OCEAN FLAG	0	0	0	0	0
9 TOPOGRAPHY FLAG	0	0	0	0	0
10 SNOW/ICE FLAG	0	0	0	0	0
11 CLOUD CODE	3	1	1	1	1
12 IR CLEAR SKY CODE	10	10	10	10	10
13 IR THRESHOLD CODE	5	5	4	5	5
14 CLEAR SKY FILTER FLAG	0	0	0	0	0
15 GOES ZENITH ANGLE (DEG)	50.9	50.9	50.2	50.2	50.2
16 IR RADIANCE (K)	258.2	252.4	264.7	261.5	262.8
(COUNTS)	71	63	81	76	78
17 IR CLEAR SKY RADIANCE (K)	272.7	272.7	275.0	275.0	275.0
(COUNTS)	94	94	98	98	98
18 SOLAR GLINT FLAG	0	0	0	0	0
19 LONG TERM STAT FLAG	1	1	1	1	1
20 REGION STAT FLAG	0	0	0	0	0
21 VIS DARK FLAG	0	0	0	0	0
22 VIS BRIGHT FLAG	0	0	0	0	0
23 VIS THRESHOLD CODE	3	4	3	3	3
24 SOLAR ZENITH ANGLE (DEG)	73.7	74.3	73.7	73.7	74.3
25 GOES-SOLAR AZIMUTH (DEG)	140.0	140.0	140.0	140.0	140.0
26 VIS RADIANCE (REFLECTANCE)	0.108	0.156	0.100	0.096	0.088
(COUNTS)	27	39	25	24	22
27 VIS CLEAR SKY RADIANCE (REFL)	0.080	0.072	0.076	0.076	0.076
(COUNTS)	20	18	19	19	19
28 DAY/NIGHT FLAG	0	0	0	0	0
29 IR THRESHOLD CODE	5	5	4	5	5
30 VIS THRESHOLD CODE	3	4	3	3	3
31 IR RETRIEVAL CODE	0	0	0	0	0
32 IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33 SURFACE TEMPERATURE (K)	*****	*****	*****	*****	*****
34 CLOUD TOP TEMPERATURE (K)	258.2	252.4	264.7	261.5	262.8
35 SURFACE PRESSURE (MB)	*****	*****	*****	*****	*****
36 CLOUD TOP PRESSURE (MB)	585.	520.	630.	635.	655.
37 CLEAR SKY TEMPERATURE (K)	273.8	273.8	275.6	276.1	276.1
38 CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39 VIS RETRIEVAL CODE	1	0	1	1	3
40 VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41 SURFACE ALBEDO	*****	*****	*****	*****	*****
42 OPTICAL DEPTH	1.09	11.76	0.87	0.72	0.37
43 AVERAGE SURFACE ALBEDO	0.26	0.24	0.24	0.24	0.26
44 CLOUD TOP TEMPERATURE (K)	245.3	252.4	253.1	239.2	204.5
45 CLOUD TOP PRESSURE (MB)	455.	520.	500.	410.	185.

Table 3. Concluded.

1	MONTH/DAY	11/ 2	11/ 2	11/ 2	11/ 2	11/ 2
2	HOUR:MIN (GMT)	21:04	21:04	21:04	21:04	21:04
3	LATITUDE (DEG +N)	43.4	43.0	43.0	43.0	43.0
4	LONGITUDE (DEG +E)	-89.3	-90.5	-90.1	-89.8	-89.4
5	GOES GROUND LOCATION	DD	GG	HH	II	JJ
6	DAY/NIGHT FLAG	0	0	0	0	0
7	SHORE FLAG	0	0	0	0	0
8	LAND/OCEAN FLAG	0	0	0	0	0
9	TOPOGRAPHY FLAG	0	0	0	0	0
10	SNOW/ICE FLAG	0	0	0	0	0
11	CLOUD CODE	3	1	0	0	0
12	IR CLEAR SKY CODE	10	10	10	10	10
13	IR THRESHOLD CODE	5	4	2	3	3
14	CLEAR SKY FILTER FLAG	0	0	0	0	0
15	GOES ZENITH ANGLE (DEG)	50.2	49.5	50.2	50.2	50.2
16	IR RADIANCE (K) (COUNTS)	254.6 66	266.6 84	276.1 100	275.0 98	274.4 97
17	IR CLEAR SKY RADIANCE (K) (COUNTS)	275.0 98	275.0 98	275.0 98	275.0 98	275.0 98
18	SOLAR GLINT FLAG	0	0	0	0	0
19	LONG TERM STAT FLAG	1	1	1	1	1
20	REGION STAT FLAG	0	0	0	0	0
21	VIS DARK FLAG	0	0	0	0	0
22	VIS BRIGHT FLAG	0	0	0	0	0
23	VIS THRESHOLD CODE	3	3	3	3	2
24	SOLAR ZENITH ANGLE (DEG)	74.3	73.1	73.7	73.7	73.7
25	GOES-SOLAR AZIMUTH (DEG)	141.0	140.0	140.0	140.0	141.0
26	VIS RADIANCE (REFLECTANCE) (COUNTS)	0.100 25	0.088 22	0.072 18	0.080 20	0.068 17
27	VIS CLEAR SKY RADIANCE (REFL) (COUNTS)	0.080 20	0.072 18	0.072 18	0.080 20	0.072 18
28	DAY/NIGHT FLAG	0	0	0	0	0
29	IR THRESHOLD CODE	5	4	2	3	3
30	VIS THRESHOLD CODE	3	3	3	3	2
31	IR RETRIEVAL CODE	0	0	0	0	0
32	IR CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
33	SURFACE TEMPERATURE (K)	*****	*****	277.8	276.1	275.6
34	CLOUD TOP TEMPERATURE (K)	254.6	266.6	*****	*****	*****
35	SURFACE PRESSURE (MB)	*****	*****	1000.	1000.	1000.
36	CLOUD TOP PRESSURE (MB)	540.	665.	*****	*****	*****
37	CLEAR SKY TEMPERATURE (K)	276.1	275.6	276.1	276.1	276.1
38	CLEAR SKY PRESSURE (MB)	1000.	1000.	1000.	1000.	1000.
39	VIS RETRIEVAL CODE	1	1	0	0	0
40	VIS CLEAR SKY RETRIEVAL CODE	0	0	0	0	0
41	SURFACE ALBEDO	*****	*****	0.224	0.260	0.208
42	OPTICAL DEPTH	0.87	0.40	*****	*****	*****
43	AVERAGE SURFACE ALBEDO	0.27	0.22	0.22	0.26	0.22
44	CLOUD TOP TEMPERATURE (K)	226.5	238.4	*****	*****	*****
45	CLOUD TOP PRESSURE (MB)	310.	390.	*****	*****	*****



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